

1963
CENSUS OF MANUFACTURES

SPECIAL REPORTS

MC63 (S)

MC63 (S) SPECIAL REPORTS

1. Manufacturing Activity in Government Establishments
2. Shipments of Defense-Oriented Industries
3. Location of Manufacturing Plants by Industry, County, and Employment Size (nine industry groupings) MC63 (S) 3.1 through 3.9

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4. Location of Manufacturing Plants by County, Industry, and Employment Size (nine geographic divisions) MC63 (S) 4.1 through 4.9

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5. Concentration Ratios in Manufacturing Industry: 1963
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Manufacturing Industry in Government Subsidies

Statement of Expenditures-Subsidies

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Industry Subsidies

Manufacturing Industry by County Department Also

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Manufacturing Industry by County Department Also

Manufacturing Industry by County Department Also

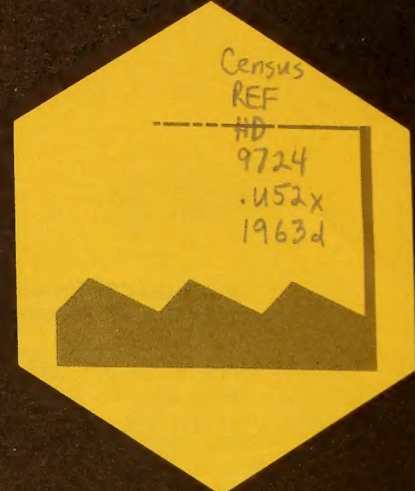
Manufacturing Industry by County Department Also

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MANUFACTURING ACTIVITY IN GOVERNMENT ESTABLISHMENTS



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Industry Series (80 reports, Series MC63(2)-20A to 39E). Each report provides information for a group of related industries (e.g., dairy products). Final figures are provided for each of the 430 manufacturing industries on quantity and value of products shipped and materials consumed, cost of fuels and electric energy, capital expenditures, inventories, employment, payrolls, man-hours, value added by manufacturing, horsepower of equipment, number of establishments and number of companies. Comparable statistics for earlier years are provided where available.

For each industry, data on value of shipments, value added by manufacturing, capital expenditures, employment, and payrolls are shown by (a) geographic area, (b) employment-size class of establishments, and (c) degree of primary product class specialization. These reports will subsequently be assembled into Volume II, Industry Statistics.

Area Series (51 reports, Series MC63(3)-1 to 51). A separate report for each State and the District of Columbia presents data, for industries and industry groups, on value of shipments, value added by manufacturing, employment, payrolls, man-hours, new capital expenditures, inventories, and number of manufacturing establishments. Comparable statistics for earlier years are also provided. Similar totals for all manufacturing industries are shown for counties, standard metropolitan statistical areas, and cities with 10,000 or more inhabitants. For the important standard metropolitan statistical areas and larger counties, these data are shown by industry groups. The number of establishments in each major industry group is presented by size of establishment within county. These reports will subsequently be assembled into Volume III, Area Statistics. This volume will also include chapters for geographic divisions.

Subject Series (about 12 reports, Series MC63(1)-1 to 12). Each report contains detailed final statistics for an individual subject such as size of establishments, inventories, capital expenditures, fuels, and electric energy. These reports will subsequently be assembled into Volume I, Summary Statistics.

After separate final reports have been issued, they will be assembled and bound as follows:

- Volume I, Summary Statistics
- Volume II, Industry Statistics
 - Part 1, Major Groups 20-28
 - Part 2, Major Groups 29-39
- Volume III, Area Statistics



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John T. Connor, Secretary

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A. Ross Eckler, Director

Howard C. Grieves, Assistant Director, Economic Fields

INDUSTRY DIVISION

Maxwell R. Conklin, Chief

(Issued January 1966)

This report is a preprint of a corresponding chapter of U.S. Census of Manufactures: 1963, volumes I, II, and III.

SUGGESTED CITATION

U.S. Bureau of Census, Census of Manufactures, 1963

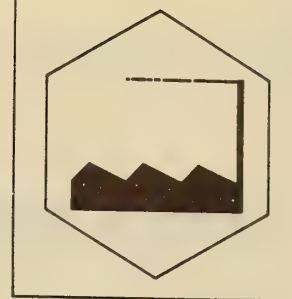
Manufacturing Activity in Government Establishments

Special Report MC63(S)-1

U.S. Government Printing Office, Washington, D.C., 1966

For sale by the Superintendent of Documents. U.S. Government Printing Office, Washington, D.C., 20402, or any Department of Commerce field office. Price 10 cents.

1963 CENSUS OF MANUFACTURES



Special Report MC63(S)-1

Manufacturing Activity in Government Establishments

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MANUFACTURING ACTIVITY IN GOVERNMENT ESTABLISHMENTS

This special report presents data of manufacturing activities for selected government establishments within the United States. These data are not included in other 1963 Census of Manufactures reports, which cover privately operated establishments only. Manufacturing establishments owned by the Federal Government and operated by private companies either for the government or for their own account are included with privately operated establishments. Three types of establishments are covered in this report: (1) Manufacturing facilities owned and operated by the Department of Defense; (2) prison industries (Federal, District of Columbia, and State); and (3) manufacturing facilities owned and operated by other U.S. Government agencies. The data were prepared with the cooperation of the Department of Defense, the Department of Justice, the Department of Interior, and the District of Columbia and State prison systems.

MANUFACTURING FACILITIES OWNED BY THE U.S. GOVERNMENT AND OPERATED BY THE DEPARTMENT OF DEFENSE

Data are shown in tables 1 to 3 for manufacturing facilities owned by the U.S. Government and operated by the Department of Defense. Although these establishments may also be engaged in nonmanufacturing activities at the same location, the statistics represent only their activities relating to manufacturing. All manufacturing installations which produce goods or perform manufacturing services, such as industrial research and development, are covered in this report. Data resulting from the conversion and modification of ships and aircraft by the Army and Navy, but not the Air Force, are also included. Manufacturing activities of the U.S. Air Force are not included because its accounting system is different from that used in the Industrial Fund of the Department of Defense and thus the Air Force concluded it could not provide data comparable to the other respondents (Army and Navy). Also, the report does not include activities of Defense Department installations which serve primarily or exclusively their own installations (e.g., bakeries and some machine shops). All printing and publishing activities are excluded because almost every large government installation engages in these activities to some degree, thus making coverage difficult.

There are approximately twice as many plants reporting in this survey as in the comparable 1958 survey. This increase is primarily because of the additions of research and development activities and manufacturing divisions of supply depots. As a result of this increase, there are two types of tables. The first type shows 1963 data for all Defense Department plants within the scope of this survey. The second shows 1963 data for only those plants that reported in 1958 and their comparable 1958 data.

In all tables, statistics are shown for employment, man-hours, payrolls, costs, and billings. Military personnel are not included in any of the employment, payroll, or man-hours data. The data represent only nonmilitary (wage board and graded) employees engaged in manufacturing activities at the plant. The cost and billings data for 1963 are based on the Industrial Fund accounting system of the Department of Defense. The Industrial Fund concepts of "Total Billings" and "Total Earned Revenue," which were used for the 1963 data, differ because the latter is the result of increasing or decreasing "Total Billings" to reflect the change in unbilled costs of work in progress.

The 1963 value added by manufacture data, shown in table 1, represent total earned revenue (including the value of manufacturing services) less the cost of materials, parts, and supplies actually consumed or put into production during the year.

PRISON INDUSTRIES (FEDERAL, DISTRICT OF COLUMBIA, AND STATE)

During 1963, manufactured products valued at \$112,702 thousand were produced in Federal, District of Columbia, and State prisons in the United States. The comparable 1958 figure of \$97,307 thousand also includes the value of products produced for use within the institutions as well as for products transferred to other governmental agencies or for sale in the open market. These data, shown in detail in table 4, cover the activities of the Federal Prison Industries, Inc., as well as those of the prison industries of each State and the District of Columbia.

MANUFACTURING FACILITIES OWNED AND OPERATED BY OTHER U.S. GOVERNMENT AGENCIES

Manufacturing operations of the Bureau of Mines, U.S. Department of Interior, are not included in the tables of this report. That agency is the primary producer of refined helium in the United States. During 1963, it operated five plants from which 627 million cubic feet of helium valued at \$21,945 thousand were shipped. The average number of employees totaled 639, of which 479 were production and related workers, and the total wages and salaries paid amounted to \$4,195 thousand. Comparable figures for other years as well as additional detail for production, shipments, consumption, prices, reserves, and activities relating to conservation and technology appear in the Minerals Yearbook, a publication of the Bureau of Mines.

Excluded from this report are the manufacturing activities of the Government Printing Office, the National Aeronautics and Space Administration, and the Tennessee Valley Authority. The operations of these agencies are covered in their annual reports. Also excluded are the minor manufacturing activities of such other government agencies as the Post Office Department and the General Services Administration.

TABLE 1. Department of Defense

Item	All employees (wage board and graded)		Production workers (wage board)			Costs (\$1,000)	
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Materials, supplies, and parts used	Contractual services and other costs
GEOGRAPHIC AREA							
United States, total.....	230,646	1,691,651	155,300	284,054	1,096,785	587,976	315,017
New England division.....	26,594	184,642	20,152	36,729	137,484	65,286	38,956
New Hampshire.....	8,825	61,396	6,950	12,628	48,418	21,078	5,519
Massachusetts.....	13,743	94,669	10,472	18,979	71,082	34,816	26,076
Rhode Island.....	3,193	21,921	2,504	4,707	16,405	5,575	7,361
Connecticut.....	833	6,656	226	415	1,579	3,817	-
Middle Atlantic division.....	49,190	353,850	32,068	57,851	219,217	124,306	58,689
New York.....	16,177	115,724	12,345	22,196	90,153	49,674	7,200
New Jersey.....	7,140	56,740	2,874	5,192	18,029	16,931	19,409
Pennsylvania.....	25,873	181,386	16,849	30,463	111,035	57,701	32,080
East North Central division.....	13,633	99,994	9,189	17,307	67,532	51,137	10,661
Indiana.....	5,534	41,556	3,500	6,824	26,417	15,005	3,814
Illinois.....	8,099	58,438	5,689	10,483	41,115	36,132	6,847
West North Central division.....	27	171	15	26	79	5	32
Iowa.....	27	171	15	26	79	5	32
South Atlantic division.....	59,744	439,216	37,958	69,196	263,612	133,082	104,748
Maryland.....	18,726	142,542	7,408	13,156	49,544	52,530	46,788
District of Columbia.....	4,799	40,991	1,218	2,144	7,893	10,775	30,026
Virginia.....	19,113	137,586	15,307	28,067	109,601	39,476	15,075
North Carolina.....	1,734	12,068	1,538	2,837	10,568	2,208	2,278
South Carolina.....	7,167	49,144	5,569	10,113	38,661	14,969	4,009
Georgia.....	939	5,558	687	1,274	3,876	3,507	301
Florida.....	7,266	51,327	6,231	11,600	43,469	9,617	6,271
East South Central division.....	10,999	92,745	3,597	6,503	26,513	19,818	16,548
Kentucky.....	2,624	19,772	1,895	3,436	14,837	9,962	1,782
Alabama.....	8,375	72,973	1,702	3,067	11,676	9,856	14,766
West South Central division.....	3,816	21,601	2,983	5,297	16,082	13,196	3,158
Arkansas.....	1,333	8,003	800	1,352	4,258	5,892	2,170
Oklahoma.....	1,008	5,478	783	1,438	4,122	494	988
Texas.....	1,475	8,120	1,400	2,507	7,702	6,810	-
Mountain division.....	3,877	26,660	2,120	3,851	14,258	20,463	20,029
Colorado.....	849	5,971	583	1,124	4,045	14,544	7,097
New Mexico.....	442	3,990	24	40	158	658	7,678
Utah.....	2,586	16,699	1,513	2,687	10,055	5,261	5,254
Pacific division.....	62,766	472,772	47,218	87,294	352,008	160,683	62,196
Washington.....	10,055	72,879	7,887	14,449	55,401	34,175	6,121
California.....	47,886	363,037	35,440	65,799	267,543	113,737	53,883
Hawaii.....	4,825	36,856	3,891	7,046	29,064	12,771	2,192
SIC CODES AND MAJOR ACTIVITY							
All manufacturing facilities, total.....	230,646	1,691,651	155,300	284,054	1,096,785	587,976	315,017
23 Apparel and related products.....	1,809	8,305	1,689	2,785	7,520	1,404	723
281 Basic chemicals.....	5,836	40,441	2,365	4,038	14,440	21,557	19,968
289 Miscellaneous chemical products.....	2,704	18,531	1,796	3,327	12,158	27,371	3,270
353 Construction and like equipment.....	300	1,867	255	451	1,607	154	200
366 Communication equipment.....	10,697	82,393	4,488	9,706	28,016	31,191	27,787
372 Aircraft and parts.....	34,471	246,883	28,644	53,226	202,616	46,420	45,822
373 Ship and boat building.....	94,687	691,574	76,294	138,616	560,645	253,367	45,337
382 Mechanical measuring devices.....	27	171	15	26	79	5	32
19 Ordnance and accessories.....	66,154	495,656	35,559	64,592	243,587	174,545	121,342
192 Missiles and ammunition, n.e.c.....	36,657	282,829	17,478	32,370	119,702	94,282	68,493
-- Research and development.....	13,961	105,830	4,195	7,287	26,117	31,962	50,536

Note: Includes manufacturing facilities, research and development activities, and manufacturing performed in supply depots. Not comparable to data shown in the 1958 Census publication "Manufacturing Activity in Government Establishments, MC58(S)-1."

- Represents zero.

Facilities: 1963

Item	Value of shipments or receipts for service by type of activity						Value added by manufacture (\$1,000)
	(\$1,000)						
	Manufacture and assembly	Construction and conversion	Research and development	Other receipts	Total billings	Total revenues	
GEOGRAPHIC AREA							
United States, total.....	433,140	597,321	634,193	877,151	2,541,805	2,641,227	2,053,251
New England division.....	68,665	128,927	37,849	49,088	284,529	292,564	227,278
New Hampshire.....	598	70,895	1,012	7,240	79,745	90,501	69,423
Massachusetts.....	67,039	39,775	13,700	40,372	160,886	155,450	120,634
Rhode Island.....	1,028	18,257	11,568	1,476	32,329	35,044	29,469
Connecticut.....	-	-	11,569	-	11,569	11,569	7,752
Middle Atlantic division.....	119,240	153,105	144,178	144,092	560,615	547,217	422,911
New York.....	27,411	90,410	19,196	41,367	178,384	179,753	130,079
New Jersey.....	33,720	605	42,861	26,432	103,618	93,150	76,219
Pennsylvania.....	58,109	62,090	82,121	76,293	278,613	274,314	216,613
East North Central division.....	103,383	1,167	11,442	45,275	161,267	164,696	113,559
Indiana.....	30,749	-	8,129	18,834	57,712	61,261	46,256
Illinois.....	72,634	1,167	3,313	26,441	103,555	103,435	67,303
West North Central division.....	100	-	-	108	208	208	203
Iowa.....	100	-	-	108	208	208	203
South Atlantic division.....	69,618	28,122	261,648	289,827	649,215	688,420	555,338
Maryland.....	51,418	-	151,237	44,165	246,820	244,157	191,627
District of Columbia.....	-	-	80,628	2,838	83,466	81,918	71,143
Virginia.....	6,804	12,832	21,467	121,455	162,558	195,255	155,779
North Carolina.....	435	-	384	15,226	16,045	17,141	14,933
South Carolina.....	235	15,290	1,971	48,108	65,604	70,619	55,650
Georgia.....	7,184	-	285	429	7,898	9,212	5,705
Florida.....	3,542	-	5,676	57,606	66,824	70,118	60,501
East South Central division.....	19,016	-	36,051	82,616	137,683	129,616	109,798
Kentucky.....	19,016	-	600	11,452	31,068	31,550	21,588
Alabama.....	-	-	35,451	71,164	106,615	98,066	88,210
West South Central division.....	19,192	4,007	68	16,246	39,513	38,248	25,052
Arkansas.....	14,804	-	60	2,759	17,623	16,358	10,466
Oklahoma.....	2,618	-	8	4,334	6,960	6,960	6,466
Texas.....	1,770	4,007	-	9,153	14,930	14,930	8,120
Mountain division.....	22,475	-	22,600	23,316	68,391	67,386	46,923
Colorado.....	20,120	-	-	9,876	29,996	27,740	13,196
New Mexico.....	-	-	12,326	-	12,326	12,326	11,668
Utah.....	2,355	-	10,274	13,440	26,069	27,320	22,059
Pacific division.....	11,451	281,993	120,357	226,583	640,384	712,872	552,189
Washington.....	2,867	77,331	2,526	21,852	104,576	117,044	82,869
California.....	8,548	199,976	117,831	168,429	494,784	543,037	429,300
Hawaii.....	36	4,686	-	36,302	41,024	52,791	40,020
SIC CODES AND MAJOR ACTIVITY							
All manufacturing facilities, total	433,140	597,321	634,193	877,151	2,541,805	2,641,227	2,053,251
23 Apparel and related products.....	10,908	-	-	109	11,017	10,624	9,220
281 Basic chemicals.....	34,956	-	26,927	21,042	82,925	80,835	59,278
289 Miscellaneous chemical products.....	37,570	-	4,266	6,408	48,244	49,831	22,460
353 Construction and like equipment.....	-	-	-	2,221	2,221	2,221	2,067
366 Communication equipment.....	40,587	605	78,111	34,070	153,373	142,905	111,714
372 Aircraft and parts.....	12,985	64,540	62,948	185,520	325,993	342,270	295,850
373 Ship and boat building.....	7,318	525,451	18,019	352,900	903,688	1,021,847	768,480
382 Mechanical measuring devices.....	100	-	-	108	208	208	203
19 Ordnance and accessories.....	288,716	6,725	260,533	264,555	820,529	798,043	623,498
192 Missiles and ammunition, n.e.c.....	94,145	4,007	184,910	164,136	447,198	447,063	352,781
-- Research and development.....	-	-	183,389	10,218	193,607	192,443	160,481

TABLE 2. Department of Defense Facilities,

Geographic area	1963						
	All employees (wage board and graded)		Production workers (wage board)			Costs (\$1,000)	
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Materials, supplies, and parts used	Contractual services and other costs
United States, total.....	149,334	1,089,220	105,037	190,125	746,464	419,899	149,543
New England division.....	22,568	156,065	17,422	31,607	119,500	55,894	31,595
New Hampshire.....	8,825	61,396	6,950	12,628	48,418	21,078	5,519
Massachusetts.....	13,743	94,669	10,472	18,979	71,082	34,816	26,076
Middle Atlantic division.....	40,427	296,052	27,583	49,335	192,693	106,135	41,424
New York.....	14,744	108,884	11,689	21,226	86,720	47,981	7,200
New Jersey.....	7,140	56,740	2,874	5,192	18,029	16,931	19,409
Pennsylvania.....	18,543	130,428	13,020	22,917	87,944	41,223	14,815
East North Central division.....	10,388	73,413	7,181	13,312	50,577	36,586	7,863
Indiana.....	2,589	16,842	1,747	3,280	11,069	608	1,216
Illinois.....	7,799	56,571	5,434	10,032	39,508	35,978	6,647
South Atlantic division.....	26,670	189,911	19,007	34,496	134,820	82,862	25,496
Maryland.....	6,658	46,998	3,068	5,485	20,235	34,117	17,440
District of Columbia.....	-	-	-	-	-	-	-
Virginia.....	11,906	88,211	9,683	17,624	72,048	30,269	3,746
South Carolina.....	7,167	49,144	5,569	10,113	38,661	14,969	4,009
Georgia.....	939	5,558	687	1,274	3,876	3,507	301
Florida.....	-	-	-	-	-	-	-
East South Central division.....	10,299	88,497	3,172	5,767	23,923	19,223	15,848
Kentucky.....	1,924	15,524	1,470	2,700	12,247	9,367	1,082
Alabama.....	8,375	72,973	1,702	3,067	11,676	9,856	14,766
West South Central division.....	2,341	13,481	1,583	2,790	8,380	6,386	3,158
Arkansas.....	1,333	8,003	800	1,352	4,258	5,892	2,170
Oklahoma.....	1,008	5,478	783	1,438	4,122	494	988
Mountain division.....	549	3,971	293	528	2,105	8,919	3,628
Colorado.....	549	3,971	293	528	2,105	8,919	3,628
Nevada.....	-	-	-	-	-	-	-
Pacific division.....	36,092	267,830	28,796	52,290	214,466	103,894	20,531
Washington.....	10,055	72,879	7,887	14,449	55,401	34,175	6,121
California.....	26,037	194,951	20,909	37,841	159,065	69,719	14,410

Note: Research and development activities, and manufacturing performed in supply depots are excluded, making 1963 data comparable to 1958.

- Represents zero.

TABLE 3. Department of Defense Facilities,

Major activity	1963									
	All employees (wage board and graded)		Production workers (wage board)			Costs (\$1,000)		Value of shipments or receipts for service by type of activity (\$1,000)		
	Number	Payroll (\$1,000)	Number	Man- Hours (1,000)	Wages (\$1,000)	Materials, supplies, and parts used	Contractual services and other costs	Manufac- ture and assembly	Construc- tion and con- version	Research and develop- ment
All manufacturing facilities, total.....	149,334	1,089,220	105,037	190,125	746,464	419,899	149,543	370,249	524,088	172,716
23 Apparel and related products.....	1,809	8,305	1,689	2,785	7,520	1,404	723	10,908	-	-
281 Basic chemicals.....	5,836	40,441	2,365	4,038	14,440	21,557	19,968	34,956	-	26,927
289 Miscellaneous chemical products.....	2,704	18,531	1,796	3,327	12,158	27,371	3,270	37,570	-	4,266
366 Communication equipment.....	7,140	56,740	2,874	5,192	18,029	16,931	19,409	33,720	605	42,861
373 Ship and boat building.....	84,862	654,718	72,403	131,570	531,581	240,596	43,145	7,282	520,765	18,019
384 Personal safety devices.....	-	-	-	-	-	-	-	-	-	-
19 Ordnance and accessories.....	41,983	310,485	23,910	43,213	162,736	112,040	63,028	245,813	2,718	80,643
192 Missiles and ammunition, n.e.c.....	18,361	143,574	8,660	15,939	59,074	41,973	24,054	63,095	-	40,140

Note: Research and development activities, and manufacturing performed in supply depots are excluded, making 1963 data comparable to 1958.

- Represents zero.

by Geographic Areas: 1963 and 1958

Geographic area	1963--Continued						1958	
	Value of shipments or receipts for service by type of activity (\$1,000)						All employees (wage board and graded)	
	Manufacture and assembly	Construction and conversion	Research and development	Other receipts	Total billings	Total revenues	Number	Payroll (\$1,000)
United States, total.....	370,249	524,088	172,716	552,878	1,619,931	1,693,663	125,440	717,130
New England division.....	67,637	110,670	14,712	47,612	240,631	245,951	20,025	113,295
New Hampshire.....	598	70,895	1,012	7,240	79,745	90,501	7,390	41,486
Massachusetts.....	67,039	39,775	13,700	40,372	160,886	155,450	12,635	71,809
Middle Atlantic division.....	114,341	153,105	78,034	121,581	467,061	453,663	31,252	171,285
New York.....	27,411	90,410	14,310	37,399	169,530	170,899	15,040	87,009
New Jersey.....	33,720	605	42,861	26,432	103,618	93,150	1,915	10,595
Pennsylvania.....	53,210	62,090	20,863	57,750	193,913	189,614	14,297	73,681
East North Central division.....	79,516	1,167	4,667	34,650	120,000	119,880	4,219	23,607
Indiana.....	6,882	-	1,354	10,430	18,666	18,666	185	895
Illinois.....	72,634	1,167	3,313	24,220	101,334	101,214	4,034	22,712
South Atlantic division.....	52,792	28,122	34,300	144,951	260,165	302,191	26,555	143,624
Maryland.....	41,920	-	31,133	21,591	94,644	97,662	1,263	6,824
District of Columbia.....	-	-	-	-	-	-	5,266	29,002
Virginia.....	3,453	12,832	911	74,823	92,015	124,698	11,880	65,361
South Carolina.....	235	15,290	1,971	48,108	65,604	70,619	7,075	37,146
Georgia.....	7,184	-	285	429	7,898	9,212	702	3,338
Florida.....	-	-	-	-	-	-	369	1,953
East South Central division.....	18,473	-	36,051	77,616	132,140	124,073	7,192	52,047
Kentucky.....	18,473	-	600	6,452	25,525	26,007	1,737	9,890
Alabama.....	-	-	35,451	71,164	106,615	98,066	5,455	42,157
West South Central division.....	17,422	-	68	7,093	24,583	23,318	844	3,978
Arkansas.....	14,804	-	60	2,759	17,623	16,358	191	1,023
Oklahoma.....	2,618	-	8	4,334	6,960	6,960	653	2,955
Mountain division.....	15,802	-	-	3,100	18,902	16,646	1,251	6,500
Colorado.....	15,802	-	-	3,100	18,902	16,646	78	449
Nevada.....	-	-	-	-	-	-	1,173	6,051
Pacific division.....	4,266	231,024	4,884	116,275	356,449	407,941	34,102	120,794
Washington.....	2,867	77,331	2,526	21,852	104,576	117,044	10,942	63,373
California.....	1,399	153,693	2,358	94,423	251,873	290,897	22,160	139,421

by Type of Activity: 1963 and 1958

Major activity		1963--Continued			1958					
		Value of shipments or receipts for service by type of activity--Continued (\$1,000)			All employees (wage board and graded)		Production workers (wage board)			Value added by manufac- ture (\$1,000)
		Other receipts	Total billings	Total revenues	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	
All manufacturing facilities, total.		552,878	1,619,931	1,693,663	125,440	717,130	93,871	173,833	531,587	799,239
23	Apparel and related products.....	109	11,017	10,624	2,513	9,515	2,212	4,308	7,937	10,501
281	Basic chemicals.....	21,042	82,925	80,835	269	1,472	222	440	1,249	1,655
289	Miscellaneous chemical products.....	6,408	48,244	49,831	1,160	6,188	789	1,394	3,980	7,500
366	Communication equipment.....	26,432	103,618	93,150	1,915	10,595	1,435	2,508	7,940	18,657
373	Ship and boat building.....	316,598	862,664	969,056	91,083	522,649	73,174	135,278	420,944	571,127
384	Personal safety devices.....	-	-	-	103	636	86	165	526	699
19	Ordnance and accessories.....	182,289	511,463	490,167	28,397	166,075	15,953	29,740	89,011	189,100
192	Missiles and ammunition, n.e.c.....	110,658	213,893	210,134	9,605	65,096	4,649	8,759	26,602	69,087

TABLE 4. Federal, District of Columbia, and State Prisons: 1963 and 1958

Product ¹	Unit of measure	Total shipments, including interplant transfers			
		1963		1958	
		Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
Total.....		(X)	112,702	(X)	97,307
Meat products.....		(X)	5,696	(X)	5,893
Canned foods.....		(X)	4,725	(X)	4,608
Prepared animal feeds.....		(X)	2,588	(X)	1,129
Coffee and tea.....		(X)	795	(X)	1,171
Chewing and smoking tobacco.....		(X)	1,273	(X)	1,067
Blankets.....		(X)	2,275	(X)	1,506
Woven fabrics.....	1,000 lbs....	13,266	8,465	14,682	11,277
Cordage and twine.....	..do.....	13,812	1,862	15,334	2,707
Apparel and related products.....		(X)	14,966	(X)	12,364
Sheets and pillow cases.....		(X)	1,754	(X)	948
Canvas specialties.....		(X)	3,735	(X)	4,309
Mattresses.....		(X)	2,696	(X)	3,369
Wooden furniture.....		(X)	7,182	(X)	5,364
Printing and binding.....		(X)	3,324	(X)	2,317
Soaps.....		(X)	2,370	(X)	2,068
Paints.....		(X)	3,325	(X)	2,006
Shoes.....	1,000 prs....	1,143	6,327	1,030	5,674
Clay and concrete brick.....	1,000.....	15,915	212		264
Concrete block.....		(X)	418	(X)	
Motor vehicle license plates.....	1,000.....	97,796	11,481	94,004	10,899
Miscellaneous metal products.....		(X)	10,157	(X)	6,532
Brooms and brushes.....		(X)	4,859	(X)	4,178
Highway and road signs.....	1,000.....	1,659	6,931	1,340	3,693
Miscellaneous products.....		(X)	5,286	(X)	23,964

Note: Excludes agricultural products, road building, and other nonmanufacturing activities.

(X) Not applicable.

¹The products listed are classified within the Standard Industrial Classification System as follows:

SIC code	Product	SIC code	Product	SIC code	Product
201	Meat products	230	Apparel and related products	314	Shoes
203	Canned foods	239	Sheets and pillowcases	325	Clay and concrete brick
204	Prepared animal feeds	239	Canvas specialties	327	Concrete block
209	Coffee and tea	251	Mattresses	346	Motor vehicle license plates
213	Chewing and smoking tobacco	253	Wooden furniture	349	Miscellaneous metal products
221	Blankets	275	Printing and binding	398	Brooms and brushes
223	Woven fabrics	284	Soaps	399	Highway and road signs
229	Cordage and twine	285	Paints	900	Miscellaneous products

²Includes the following values reported separately in 1958, but for which separate data are not available in 1963: Dairy products, 202, \$1,807 thousand; flour, 204, \$276 thousand; miscellaneous textile products, 229, \$270 thousand; castings, 330, \$300 thousand; and farm equipment, 352, \$913 thousand.

UNITED STATES
GOVERNMENT PRINTING OFFICE
DIVISION OF PUBLIC DOCUMENTS
WASHINGTON, D.C. 20402

OFFICIAL BUSINESS

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U.S. GOVERNMENT PRINTING OFFICE

1963 CENSUS OF MANUFACTURES

MC63(S)-2



**SPECIAL
REPORT**

SHIPMENTS OF DEFENSE—ORIENTED INDUSTRIES

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS



**PUBLICATION PROGRAM:
1963 CENSUS OF MANUFACTURES**

Industry Series (80 reports, Series MC63(2)-20A to 39D). Each report provides information for a group of related industries (e.g., dairy products). Final figures are provided for each of the 430 manufacturing industries on quantity and value of products shipped and materials consumed, cost of fuels and electric energy, capital expenditures, inventories, employment, payrolls, man-hours, value added by manufacturing, horsepower of equipment, number of establishments and number of companies. Comparable statistics for earlier years are provided where available.

For each industry, data on value of shipments, value added by manufacturing, capital expenditures, employment, and payrolls are shown by (a) geographic area, (b) employment-size class of establishments, and (c) degree of primary product class specialization. These reports will subsequently be assembled into Volume II, Industry Statistics.

Area Series (51 reports, Series MC63(3)-1 to 51). A separate report for each State and the District of Columbia presents data, for industries and industry groups, on value of shipments, value added by manufacturing, employment, payrolls, man-hours, new capital expenditures, inventories, and number of manufacturing establishments. Comparable statistics for earlier years are also provided. Similar totals for all manufacturing industries are shown for counties, standard metropolitan statistical areas, and cities with 10,000 or more inhabitants. For the important standard metropolitan statistical areas and larger counties, these data are shown by industry groups. The number of establishments in each major industry group is presented by size of establishment within county. These reports will subsequently be assembled into Volume III, Area Statistics. This volume will also include chapters for geographic divisions.

Subject Series (about 12 reports, Series MC63(1)-1 to 12). Each report contains detailed final statistics for an individual subject such as size of establishments, inventories, capital expenditures, fuels, and electric energy. These reports will subsequently be assembled into Volume I, Summary Statistics.

After separate final reports have been issued, they will be assembled and bound as follows:

Volume I, Summary Statistics

Volume II, Industry Statistics
Part 1, Major Groups 20-28
Part 2, Major Groups 29-39

Volume III, Area Statistics



U.S. DEPARTMENT OF COMMERCE

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BUREAU OF THE CENSUS

A. Ross Eckler, Director

Howard C. Grieves, Deputy Director

INDUSTRY DIVISION

Maxwell R. Conklin, Chief

(Issued March 1966)

SUGGESTED CITATION

U.S. Bureau of Census, Census of Manufactures, 1963

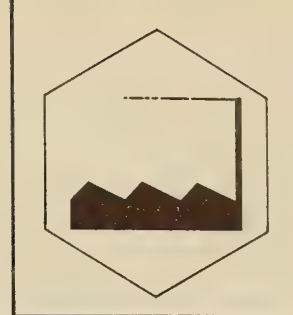
Shipments of Defense-Oriented Industries

Special Report MC63(S)-2

U.S. Government Printing Office, Washington, D.C., 1966

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402, or any Department of Commerce field office. Price 30 cents.

1963 CENSUS OF MANUFACTURES



Special Report MC63(S)-2

Shipments of Defense-Oriented Industries

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INTRODUCTION

This report shows shipments, in 1963, to government agencies by establishments in "defense-oriented" industries, together with related information on employment and value added by manufacture. The data were compiled as part of the 1963 Census of Manufactures by means of a supplemental inquiry on Form MA-175, Report on Shipments to or Receipts for Work Done for Federal Government Agencies and their Contractors and Suppliers in 1963. Shipments are shown by industry and by principal procuring agency (Department of Defense, National Aeronautics and Space Administration, and Atomic Energy Commission). Shipments, value added by manufacture, and employment are presented for groups of industries for geographic divisions, States, and selected standard metropolitan statistical areas (SMSA). Value of shipments and employment estimates (prorated on the basis of shipments) are shown for each of the classes of products by government procuring agency. The project was financed by the Department of Defense, National Aeronautics and Space Administration, Atomic Energy Commission, and the Arms Control and Disarmament Agency.

As indicated in table 1, value of shipments of the industries surveyed totaled \$40.4 billion in 1963 of which approximately 62 percent was accounted for by Federal Government purchases. As a percent of the total value of shipments, government shipments ranged from 11.5 percent for selected machinery industries as a group to a high of 86.5 percent for aerospace (aircraft and missiles) industries. Direct and indirect shipments on government account (prime contracts and subcontracts) amounted to \$13.9 billion for aerospace industries, \$5.9 billion for communication equipment, \$2.2 billion for shipbuilding and ordnance, \$1.1 billion for electronic components, \$0.7 billion for selected machinery, and \$0.5 billion for instruments. By State, California was highest, with government business in the industries surveyed totaling \$7.0 billion, followed by New York, Connecticut, Ohio, and New Jersey, in that order.

This supplemental survey to the 1963 Census of Manufactures was conducted to measure the impact of government procurement upon the manufacturing economy and upon geographic areas in terms of 30 "defense-oriented" industries which account for the major portion of government procurement. Similar data for other manufacturing industries are not available. For the most part, the 30 defense-oriented industries ship finished goods or components produced to military specifications. With the exception of the machinery industries, the preponderant portion of government business on these industries is subject to renegotiation and, therefore, is separable in the records of the respondent companies. In fact, respondents were told that they could base their subcontract shipments and receipts on those transactions subject to the Renegotiation Act of 1951, as Amended.

Approximately 2,500 establishments accounting for over 95 percent of all shipments and receipts of the 30 defense-oriented industries were included in the survey. Of the establishments filing returns, 1,300 reported shipments to (or receipts from) the government of more than \$100,000; others reported no government shipments or government shipments of less than \$100,000. (Respondents were instructed not to complete the report if they had less than \$100,000 in government shipments.) Tables 1 and 3 present data for all establishments covered by the survey while tables 4, 5, 6, and 7 contain data only for establishments reporting shipments to the government in detail by procuring agency.

The mailing list for the survey was derived from the reporting panel for the 1962 Annual Survey of Manufactures, but establishments with fewer than 20 employees were excluded. The annual survey of manufactures is based on a probability sample. Data in tables 1, 2, and 3 were compiled in such a manner as to include in the tabulations "inflated" data derived by weighing the reports of smaller establishments, whereas tables 4 through 7 were compiled by adding the figures as reported. The total of \$40.4 billion for this survey differs from a comparable industry total of \$42.3 billion shown in the 1963 Census of Manufactures.

In this survey, government "shipments" consist of products shipped to or receipts for work done for Federal agencies, their contractors, subcontractors, and suppliers. The government total is further subdivided into shipments or receipts (1) on government prime contracts and (2) to other manufacturers in ultimate performance of Federal Government contracts.

Although the prime contract figures for the industries surveyed account for the great bulk of all such government contracts in manufacturing, the subcontract data represent a much smaller proportion of the total for all manufacturing because the usual subcontracting industries were excluded from the scope of the survey.

In interpreting the figures for subcontract work, it should be kept in mind that the 30 defense-oriented industries do not include basic materials and other component industries usually important in subcontracts. Also, reflecting inadequate instructions, companies having prime contracts usually reported interplant transfers within the company as prime contracts rather than subcontracts; to that extent, there is an overstatement of the prime contract figures and a corresponding understatement of subcontracts. Shipments of materials and components purchased by the government and furnished to contractors supplying finished equipment were reported as prime contracts.

Furthermore, there is no indication of the level of subcontracting (e.g., first tier, second tier, etc.).

By the nature of the industries surveyed, it is likely that, with the exception of a few industries such as electronic components, most of the subcontracting is first tier only and the pyramiding of shipment values from one tier to another is not large.

The survey was designed so that the data reported would be comparable with the basic concepts used in the census and annual survey of manufactures. Accordingly, the product class description, product class code, and 1963 value of shipments were reported by manufacturers using Item 9 of their census report as a control for total shipments for each product class. In certain industries with lengthy production cycles for their products, the value figures reported do not pertain to actual shipments from those establishments, but represent the value of work done on those products. This is identical to the procedure of measuring activity for these particular industries in the census of manufactures.

Tables 2, 5, and 7 contain data by industry groups. For purposes of showing as much geographic and agency detail as possible, keeping in mind the rules of disclosure, Standard Industrial Classification industries were aggregated into groups of industries. Appendix A shows the groupings of these industries and what industries were canvassed for this survey.

Table 3 includes separate data on "miscellaneous industries." The respondents in this survey were instructed that if their company had significant research, development, test, evaluation, or production contracts in the fields of aerospace, atomic energy, electronics, instrumentation, ordnance, or shipbuilding which were assigned by the company

to establishments that had not been reported on form MA-100, they were to complete a form MA-175 for each such location. These nonmanufacturing facilities of the manufacturing companies reporting on this survey are classified in this category. Data for this category, shown separately in table 3, are included in the totals for industry group, "Selected Instruments and Miscellaneous Industries," as appears in the other tables.

Table 4 shows data by 5-digit product class. Data at the 4-digit level appearing on this table are totals of the 5-digit figures and the values shown for such 4-digit groups differ from those provided on a 4-digit industry basis in table 3. The differences are attributable to variations between the amount of the specified products made in other industries and the extent to which secondary products are made in the given industry (see the text to 1963 Census of Manufactures reports for further explanation).

Also in table 4, employment (other than the total) has been estimated. The estimation method used was a straight proration of the product class data reported by agency as a percentage of the total shipments of that establishment. The value for "resales" (products bought and resold without further manufacture) was subtracted from the total value of shipments before making the estimated employment computations.

Tables 6 and 7 show data by State and selected SMSA. Actual figures or ranges of figures are shown for all States. Data are provided for SMSA's having more than 40,000 manufacturing employees which account for approximately 75 percent of all manufacturing employment.

DEPARTMENT OF DEFENSE AND ATOMIC ENERGY COMMISSION FACILITIES NOT COVERED BY THE SURVEY OF DEFENSE-ORIENTED INDUSTRIES

The employment and value data presented in tables 2 through 7 afford a picture of government activity in the private industry sector of the manufacturing economy as defined by the 30 selected defense-oriented industries. Manufacturing activity is also carried on in government-owned and operated locations by the Department of Defense (DOD). The Atomic Energy Commission (AEC) contracts for the output of goods and services by private manufacturers but mostly in plants classified in industries not covered by the MA-175 survey (e.g. chemicals) and for services such as research and development in facilities maintained by universities

and other nonmanufacturing organizations. Information on these DOD and AEC facilities are shown by geographic area in appendix tables B, C, and D. The figures in these tables, provided by those agencies, are not duplicated in the basic tables 1 through 7 obtained from the MA-175 survey with the exception of 5 to 10 percent of the AEC totals (principally in the ordnance and accessories category of the MA-175). The DOD and AEC activities should be taken into account in determining the total impact of government expenditures upon the nation and selected geographic areas.

TABLE 1. Shipments and Receipts of Defense-Oriented Industries--Summary Statistics, by Agency

The United States total of \$37.4 billion, in tables 1, 2, and 3, represents the universe of plants with twenty or more employees with small plants inflated in accordance with their sample weights in the 1962 Annual Survey of Manufactures. Data in tables 4 through 7, aggregating to a United States total of \$36.6 billion, are not inflated, i.e., they represent reported data only

Item	Value (million dollars)
SHIPMENTS FROM MA-175 SURVEY, TOTAL ¹	40,403.8
Establishments reporting government shipments of less than \$100,000 ²	3,040.1
Establishments reporting government shipments of more than \$100,000.....	37,363.7
Prime contract shipments ³ , total.....	19,783.2
Department of Defense (DOD).....	16,996.2
National Aeronautics and Space Agency (NASA).....	2,048.4
Atomic Energy Commission (AEC).....	257.9
Other agencies.....	480.7
Subcontract shipments ³ , total.....	5,239.9
Agency known, total.....	4,417.8
DOD.....	3,631.1
NASA.....	507.0
AEC.....	67.7
Other agencies.....	212.0
Agency not known, total.....	822.1
DOD, NASA, or AEC.....	523.7
Other agencies.....	298.4
Other shipments (nongovernment).....	12,340.6

¹Includes total value of shipments data for those establishments that had "more than \$100,000" in shipments to the Federal Government as well as those establishments that reported "none" or "less than \$100,000" in government shipments.

²Represents total value of shipments of those establishments indicating on their report that they had no shipments to the Federal Government or some shipments the value of which, however, did not exceed \$100,000. These establishments were not required to complete the entire report and therefore, there is no breakdown by prime contract and subcontract or by agency.

³See text for limitations applicable to the distinction of prime versus subcontract.

TABLE 2. Employees, Value Added, and Value of Shipments and Receipts, by Industry Groups

1963 Census of Manufactures compared to MA-175 Survey. The United States total of \$37.4 billion, in tables 1, 2, and 3, represents the universe of plants with twenty or more employees with small plants inflated in accordance with their sample weights in the 1962 Annual Survey of Manufactures. Data in tables 4 through 7, aggregating to a United States total of \$36.6 billion, are not inflated, i.e., they represent reported data only

Item	Total	Industry group ¹					
		Selected machinery	Communication equipment	Electronic components and accessories	Aerospace industries	Shipbuilding and repairing and ordnance ²	Selected instruments and miscellaneous industries ³
Number of employees:							
1963 Census of Manufactures (total for industries covered on MA-175) ⁴	1,000..						
MA-175 Survey (establishments reporting government shipments of more than \$100,000) ⁵	1,933.3	317.2	474.2	283.7	831.5	206.3	109.8
Value added by manufacture: ⁶							
1963 Census of Manufactures (total for industries covered on MA-175).....million dollars..	24,952.8	3,745.4	5,264.4	2,434.5	9,785.7	1,967.2	1,755.6
MA-175 survey (establishments reporting government shipments of more than \$100,000).....do....	22,325.7	2,554.1	5,003.3	1,729.0	9,214.4	1,691.9	2,133.0
Value of shipments:							
1963 Census of Manufactures (total for industries covered on MA-175).....do....	42,262.5	6,836.8	8,775.6	3,811.8	16,882.1	3,375.3	2,580.9
MA-175 survey (establishments reporting government shipments of more than \$100,000).....do....	37,363.7	4,746.0	8,243.1	2,528.0	15,964.2	2,952.8	2,929.6

¹See appendix A for description of industry groups.

²Excludes SIC industry 1925, Guided Missiles and Space Vehicles. This industry is included in Aerospace.

³MA-175 data includes figures reported by nonmanufacturing facilities of the manufacturing companies canvassed.

⁴The figures shown for the 1963 Census of Manufactures were taken from the Summary Series, General Statistics for Industry Groups and Industries, MC-63(P)3* as released in October, 1965.

⁵The figures shown for the MA-175 Survey differ from those of the 1963 Census of Manufactures because the MA-175 data are subject to sampling errors, the exclusion from this table of those establishments which reported "less than \$100,000" or "none" in government shipments, and some differences in industry classification.

⁶Value added by manufacture data for the 1963 Census of Manufactures has been adjusted for changes in finished products and work-in-process inventories. Value added by manufactures data for the MA-175 has not been so adjusted.

Value figures in millions of dollars. The United States total of \$37.4 billion, in tables 1, 2, and 3, represents the universe of plants with twenty or more employees with small plants inflated in accordance with their sample weights in the 1962 Annual Survey of Manufactures. Data in tables 4 through 7, aggregating to a United States total of \$36.6 billion, are not inflated, i.e., they represent reported data only

Code		Industry	Total value of shipments reported ¹	Establishments reporting shipments to the government of more than \$100,000												Establishments reporting shipments of less than \$100,000 ²			
				Employees (1,000)	Value added by manufacture (unadjusted) ²	Total value of shipments	Government shipments			Agency destination known				Agency not known					
							Total	Prime contract	Sub-contract	DOD		NASA	AEC	Other agencies	Either DOD, NASA, or AEC		Other agencies	Non-government shipments	
3511 3531 3541 3542 3571	All industries, total..... Total..... Steam engines and turbines..... Construction machinery..... Metal-cutting machine tools..... Metal-forming machine tools..... Computing and related machines..... Total..... Telephone; telegraph apparatus..... Radio, TV, communications equipment..... Total..... Electron tubes, receiving type..... Cathode ray picture tubes..... Electron tubes, transmitting..... Semiconductors..... Electronic components, n.e.c..... Total..... Aircraft..... Complete guided missiles..... Aircraft engines and parts..... Aircraft propellers and parts..... Aircraft equipment, n.e.c..... Total..... Ship building and repairing..... Ordnance, except guided missiles..... Total..... Scientific instruments..... Aircraft engine instruments, except flight..... Other mechanical and controlling instruments (including nuclear radiation)..... Optical instruments and lenses..... Photographic equipment..... Miscellaneous industries ⁴	40,403.8	1,933.3	22,325.7	37,363.7	25,023.1	19,783.2	5,239.9	16,996.2	3,631.1	2,555.4	325.6	692.7	523.7	298.4	12,340.6	3,040.1		
		6,144.0	217.8	2,554.1	4,746.0	700.6	483.7	216.9	377.6	138.3	38.2	27.6	77.1	22.6	19.2	4,045.4	1,398.0		
		526.1	25.3	316.4	519.1	95.4	47.1	48.3	46.2	39.9	(m)	(n)	(1)	(k)	(n)	423.7	7.0		
		2,563.8	67.8	824.9	1,725.8	179.6	136.5	43.1	118.7	37.9	4.8	(k)	13.8	(1)	3.5	1,546.2	838.0		
		875.9	33.9	383.4	578.9	65.7	25.3	40.4	21.0	13.8	6.4	(k)	11.9	4.3	1.8	513.2	297.0		
		305.9	7.3	85.0	132.9	9.7	2.5	7.2	2.3	3.3	(k)	(h)	(k)	(n)	0.8	123.2	173.0		
		1,872.3	83.5	944.4	1,789.3	350.2	272.3	77.9	189.4	43.4	25.3	(p)	50.2	14.7	(o)	1,439.1	83.0		
		8,413.1	437.4	5,003.3	8,243.1	5,912.8	4,187.4	1,725.4	3,843.5	1,352.9	439.0	13.4	157.1	72.0	34.9	2,330.3	170.0		
		1,672.3	83.0	953.4	1,596.3	124.8	102.8	22.0	94.5	14.1	0.6	(h)	(o)	(o)	0.7	1,471.5	76.0		
		6,740.8	354.4	4,049.9	6,646.8	5,788.0	4,084.6	1,703.4	3,749.0	1,338.8	438.4	(p)	(s)	(r)	34.2	858.8	94.0		
3671 3672 3673 3674 3679	Total..... Electron tubes, receiving type..... Cathode ray picture tubes..... Electron tubes, transmitting..... Semiconductors..... Electronic components, n.e.c..... Total..... Aircraft..... Complete guided missiles..... Aircraft engines and parts..... Aircraft propellers and parts..... Aircraft equipment, n.e.c..... Total..... Ship building and repairing..... Ordnance, except guided missiles..... Total..... Scientific instruments..... Aircraft engine instruments, except flight..... Other mechanical and controlling instruments (including nuclear radiation)..... Optical instruments and lenses..... Photographic equipment..... Miscellaneous industries ⁴	3,273.1	187.8	1,729.0	2,528.0	1,062.4	294.8	767.6	225.8	221.3	28.4	12.5	186.9	227.8	159.7	1,465.6	745.1		
		544.9	28.0	290.2	415.8	59.6	30.5	29.1	26.2	3.1	(m)	(k)	(n)	(o)	(p)	356.2	129.1		
		278.6	16.2	182.9	272.6	174.0	77.7	96.3	69.7	52.5	(n)	2.3	7.3	(q)	(o)	98.6	6.0		
		600.3	47.0	411.8	580.3	213.1	190.8	44.6	19.6	44.6	8.9	(o)	45.9	79.3	20.0	367.2	20.0		
		1,849.3	96.6	844.1	1,259.3	615.7	164.3	451.4	110.3	121.1	15.3	2.7	168.5	141.2	56.6	643.6	590.0		
		16,055.2	781.4	9,214.4	15,964.2	13,873.9	11,895.2	1,978.7	10,045.2	1,475.5	1,991.9	71.4	61.7	173.4	54.8	2,090.3	91.0		
		6,247.1	297.5	3,055.1	6,209.1	5,152.8	4,887.6	265.2	4,465.0	202.9	414.6	(k)	22.0	45.8	(n)	1,056.3	38.0		
		3,014.4	146.7	2,530.0	3,014.4	2,998.5	2,920.7	77.8	2,090.6	72.0	831.6	(m)	72.0	(n)	(k)	15.9	-		
		3,885.0	179.9	2,088.6	3,877.0	3,338.3	2,611.5	726.8	2,179.9	540.3	513.5	(p)	513.5	(q)	(q)	538.7	8.0		
		2,903.7	157.3	1,540.7	2,863.7	2,384.3	1,475.4	908.9	1,309.7	660.3	232.2	39.8	26.4	89.7	26.2	479.4	45.0		
3731 3739 (ex- sept 1925)	Total..... Ship building and repairing..... Ordnance, except guided missiles..... Total..... Scientific instruments..... Aircraft engine instruments, except flight..... Other mechanical and controlling instruments (including nuclear radiation)..... Optical instruments and lenses..... Photographic equipment..... Miscellaneous industries ⁴	3,059.8	179.6	1,691.9	2,952.8	2,233.2	2,066.4	166.8	1,795.1	135.1	9.5	137.2	148.1	6.1	2.1	719.6	107.0		
		1,554.7	100.4	891.0	1,467.4	1,022.4	963.6	58.8	832.6	42.1	1.4	(o)	134.1	(n)	1.6	(u)	87.3		
		1,505.1	79.2	800.9	1,485.4	1,210.8	1,102.8	108.0	962.5	93.0	8.1	(s)	14.0	(m)	0.5	(t)	19.7		
		2,352.5	80.6	1,315.5	1,843.5	505.1	329.9	175.2	256.0	123.0	28.9	10.6	55.0	19.9	11.7	1,338.4	509.0		
		417.8	16.6	189.6	282.8	198.1	108.2	89.9	96.1	65.3	15.7	(k)	3.5	13.6	(n)	84.7	135.0		
		334.1	19.1	172.8	254.1	119.0	68.1	50.9	55.2	36.7	6.7	4.8	11.4	3.0	1.2	135.1	80.0		
		1,600.6	44.9	953.1	1,306.6	188.0	153.6	34.4	104.7	21.0	6.5	(o)	40.1	3.3	(p)	1,118.6	294.0		
		1,106.1	48.7	817.5	1,086.1	735.1	525.8	209.3	453.0	185.0	19.5	52.9	6.8	1.9	16.0	351.0	20.0		

note: See appendix A for definitions of letter symbols representing range of figures.

- Represents zero. n.e.c. Not elsewhere classified.

¹See table 1 footnote 1.

²See table 2 footnote 6.

³See table 1 footnote 2.

*Includes selected nonmar

e since been reclassified to other industries.

TABLE 4. Employees (Estimated), and Value of Shipments and Receipts, by Product Class and Agency

The United States total of \$37.4 billion, in tables 1, 2, and 3, represents the universe of plants with twenty or more employees with small plants inflated in accordance with their sample weights in the 1962 Annual Survey of Manufactures. Data in tables 4 through 7, aggregating to a United States total of \$36.6 billion, are not inflated, i.e., they represent reported data only.

Product class code	Product class ¹	Total		DDD		NASA		AEC		Other agencies ²		Nongovernment	
		Total Employees (1,000)	Total value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)
3511	Total.....	1,881.7	36,612.6	1,025.3	20,362.7	121.0	2,417.0	21.9	319.0	78.3	1,284.9	635.2	12,229.0
3511	Steam engines; steam, gas, and hydraulic turbines; and steam, gas, and hydraulic turbine generator set units	22.9	466.7	4.4	75.4	(a)	(i)	-	-	(a)	(n)	18.2	386.6
3531	Construction machinery and equipment.....	56.2	1,431.1	3.4	75.0	0.1	1.6	-	-	0.5	11.1	52.2	1,343.4
35311	Contractors' off-highway wheel tractors, except parts and attachments.....	1.2	41.7	(a)	(k)	(a)	(i)	-	-	(a)	(j)	1.2	41.0
35312	Tractor-trailer type tractors, except parts and attachments.....	10.7	277.3	0.4	8.6	-	-	-	-	0.1	2.4	10.2	266.3
35313	Parts and attachments for tracklaying and contractors' off-highway wheel tractors.....	8.5	224.1	(b)	(p)	-	-	-	-	(a)	(l)	7.9	209.0
35314	Power cranes (inc. locomotive, full circle, revolving with booms) draglines, shovels and parts.....	8.7	182.0	0.6	10.4	(a)	(m)	-	-	(a)	(n)	7.9	168.1
35316	Mixers, pavers, and related equipment, excluding parts.....	2.2	45.1	(a)	(k)	-	-	-	-	(a)	(n)	2.1	42.5
35317	Integral tractor-shovel loaders (wheel and track-laying types), including parts.....	8.4	247.1	(a)	(p)	-	-	-	-	(a)	(m)	8.0	235.2
35318	Scrapers, graders, rollers and off-highway trucks, trailers, and wagons, excluding parts.....	9.0	245.4	(a)	(o)	-	-	-	-	(a)	(m)	8.6	235.9
35319	Other construction machinery and equipment, including construction machinery parts, n.e.c.....	7.5	168.4	1.1	21.5	(a)	(i)	-	-	(a)	(m)	6.3	145.4
3541	Machine tools, metal cutting types.....	25.9	426.9	1.5	24.1	0.4	5.7	0.5	6.4	0.4	6.8	23.1	383.9
35411	Boring machines.....	3.4	58.8	0.1	2.1	0.1	2.6	0.1	0.9	0.2	3.1	2.9	50.1
35412	Drilling machines.....	6.9	98.1	0.1	1.7	(a)	(l)	(a)	(j)	0.1	1.4	6.6	94.3
35413	Gear cutting and finishing machines.....	6.9	125.2	0.4	6.6	(a)	(l)	0.2	3.2	(a)	(l)	6.3	114.0
35414	Grinding and polishing machines (excluding gear tooth grinding, honing, lapping, polishing and buffing machines).....	3.7	66.8	0.6	11.8	(a)	(m)	(a)	(k)	(a)	(l)	2.9	52.4
35415	Lathes.....	1.5	20.6	0.1	0.8	(a)	(i)	(a)	(n)	(a)	(k)	1.2	17.2
35416	Milling machines.....	3.5	57.4	(a)	(m)	-	-	-	-	(a)	(l)	3.2	55.9
35418	Other machine tools (including those designed primarily for home workshops, laboratories, etc.)	5.9	106.6	0.1	2.3	(a)	(k)	-	-	(a)	(n)	5.6	101.9
35419	Parts for metal cutting type machine tools, sold separately, and rebuilt machine tools.....	1.5	27.1	(a)	(m)	(a)	(i)	-	-	0.1	1.0	1.3	24.4
3542	Machine tools, metal forming types.....	3.2	57.8	(a)	(l)	(a)	(i)	-	-	(a)	(l)	3.1	56.5
35421	Punching, shearing, bending and forming machines.....	1.2	21.7	(a)	(j)	-	-	-	-	(a)	0.5	1.2	21.0
35422	Presses, including forging presses.....	77.1	1,619.5	7.7	189.2	(c)	(q)	(b)	(p)	3.3	70.7	64.6	1,317.7
35423	Other metal forming machine tools, including forging machines.....	33.1	742.9	4.7	119.4	(b)	(p)	(a)	(p)	1.4	29.6	26.1	565.1
35424	Parts for metal forming machine tools and rebuilt metal forming machinery.....	44.0	876.6	3.0	69.8	(b)	(p)	(a)	(l)	1.9	41.1	38.5	752.6
3571	Computing and accounting machines, including cash registers.....	74.0	1,392.8	5.3	85.9	(a)	(l)	-	-	0.8	13.1	(i)	(v)
35711	Electronic data processing machines, and associated equipment, except typewriters.....	266.5	4,966.6	213.2	3,978.9	10.6	184.5	0.5	10.4	10.5	187.2	31.7	605.6
35712	Computing and accounting machines, including cash registers.....	41.3	855.1	28.6	576.4	(c)	(p)	(a)	(n)	1.3	27.7	10.3	231.8
3661	Telephone and telegraph apparatus.....	4.3	80.0	0.7	11.5	(a)	(n)	(a)	(k)	0.2	3.0	3.3	62.7
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....												
36621	Commercial, industrial, and military electronic communication equipment, except broadcast equipment, space satellite-borne communications equipment (complete package).....												
36622	Radio and television broadcast equipment, and closed circuit systems.....												

See footnotes at end of table.

TABLE 4. Employees (Estimated), and Value of Shipments and Receipts, by Product Class and Agency—Continued

Product class code	Product class ¹	Total Employees (1,000)	Total value of shipments (million dollars)	DOD		NASA		AEC		Other agencies ²		Nongovernment	
				Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)
3662	Radio and television transmitting, signaling, and detection equipment and apparatus—Continued												
36623	Intercommunication equipment (except telephone and telegraph) and electric alarm and signal systems and devices.....	4.6	79.0	1.5	30.9	-	-	(a)	(i)	(a)	(m)	3.0	46.7
36624	Electronic navigational aids (except missile-borne and space vehicle basin equipment).....	49.5	980.3	43.4	853.3	(b)	(p)	(a)	(k)	1.7	40.1	3.7	74.2
36625	Electronic search and detection apparatus, including radar, infrared and sonar.....	84.5	1,528.3	74.4	1,345.2	1.8	30.7	(a)	(k)	(e)	(r)	5.0	93.8
36626	Electronic military, industrial, and commercial equipment, n.e.c.....	33.7	558.7	22.3	381.9	2.2	38.4	0.5	8.8	2.9	41.8	5.8	87.8
36627	Space satellite-borne communications systems (complete package).....	0.4	7.1	0.2	3.6	(a)	(k)	-	-	-	-	(a)	(n)
36628	Missile-borne and space vehicle-borne navigation and guidance systems and equipment.....	48.2	878.1	42.1	776.1	4.8	81.2	(a)	(k)	1.0	14.9	(a)	(o)
36710	Receiving type electron tubes, except cathode ray.....	20.0	257.0	1.3	15.6	(a)	(i)	(a)	(k)	1.2	13.4	17.5	227.8
36720	Cathode ray picture tubes, including rebuilt tubes.....	5.3	115.7	(a)	(i)	-	-	-	-	-	-	(f)	(s)
36730	Transmitting, industrial, and special purpose electron tubes (except x-ray).....	16.1	255.7	7.3	119.7	0.2	2.9	0.2	2.3	2.6	45.4	5.8	85.5
36740	Solid state semiconductor devices.....	41.7	500.7	2.9	33.9	0.3	3.6	0.1	0.7	10.4	130.6	28.0	331.8
36792	Electronic components and accessories, n.e.c.....	81.2	1,098.4	16.0	227.3	0.8	11.6	0.4	5.3	15.0	189.9	49.0	664.3
36793	Capacitors for electronic applications.....	18.5	194.9	0.9	9.8	0.1	0.9	0.1	0.6	3.3	36.4	14.1	147.2
36794	Resistors for electronic applications.....	17.7	233.4	1.8	22.7	(a)	(m)	(a)	(k)	3.8	50.1	11.9	158.5
36795	Coils, transformers, reactors and chokes for electronic applications.....	6.0	68.0	1.4	16.0	-	-	-	-	1.3	14.7	3.3	37.3
	Other electronic components and accessories, n.e.c., including parts for electron tubes (except glass blanks).....	39.0	602.1	11.9	178.8	(b)	(o)	(a)	(n)	6.6	88.7	19.7	321.3
3721	Aircraft.....	216.0	4,314.3	173.2	3,466.9	0.8	14.8	-	-	1.9	31.7	40.1	800.9
37211	Complete aircraft, military type.....	120.4	2,563.0	119.4	2,545.1	(a)	(m)	-	-	(b)	(p)	(a)	(n)
37212	Complete aircraft, personal and utility type.....	7.5	123.2	(a)	(i)	(a)	(m)	-	-	(a)	(i)	7.4	121.3
37213	Complete aircraft, commercial transport (airline passenger and cargo service).....												
37214	Modifications, conversions and overhaul of previously accepted aircraft.....	55.4	1,036.0	(h)	(t)	(a)	(n)	-	-	(a)	2.6	30.0	626.1
37216	Other aeronautical services for aircraft.....	32.7	592.1	28.8	516.2	0.4	8.2	-	-	1.0	17.9	2.5	49.8
3722	Aircraft engines and engine parts.....	162.0	3,379.2	114.7	2,412.1	24.8	510.2	0.5	8.6	3.7	68.2	18.3	380.0
37221	Aircraft engines for U.S. military customers.....												
37222	Aircraft engines for other than U.S. military customers.....	56.6	1,249.5	47.7	1,052.1	(c)	(q)	(a)	(k)	(a)	(o)	7.0	156.1
37223	Research and development on aircraft engines.....	39.5	778.6	26.2	516.3	(a)	(k)	(a)	(k)	2.5	43.6	10.8	218.2
37225	Complete missile or space vehicle engines and/or propulsion units.....	24.0	518.1	17.0	365.4	(f)	(s)	(a)	(k)	(a)	(i)	(a)	(l)
37226	Research and development on complete missile or space vehicle engines and/or propulsion units.....	34.4	693.9	20.0	408.0	14.1	281.3	(a)	(n)	(a)	(i)	(a)	(m)
37227	All other services on complete missile or space vehicle engines and/or propulsion units.....												
37228	Missile and space vehicle engine and/or propulsion unit parts or accessories.....	7.5	139.1	3.8	70.1	2.2	43.6	0.3	4.6	0.9	17.4	(a)	(n)
37230	Aircraft propellers and parts.....	5.7	99.1	(f)	(r)	(a)	(k)	-	-	(a)	(l)	0.7	14.0
3729	Aircraft parts and auxiliary equipment, n.e.c.....	172.6	3,187.8	123.4	2,317.5	14.7	224.8	2.7	43.7	(a)	(l)	23.3	463.4
37291	Other aircraft parts and auxiliary equipment.....	102.9	1,890.2	76.2	1,399.8	1.0	19.4	0.1	1.1	8.5	138.4	19.8	369.7
37292	Guided missile components and subassemblies, n.e.c.	46.9	883.2	31.9	625.6	(a)	(n)	0.6	9.4	5.8	100.2	(e)	(r)
37293	Research and development on aircraft parts.....	3.7	67.8	3.3	59.3	(a)	(k)	(a)	(k)	(a)	(k)	(a)	(m)
37294	Research and development on missile parts and components, n.e.c.....	19.1	346.5	12.0	232.8	(f)	(r)	(c)	(q)	0.1	1.0	(a)	(l)

See footnotes at end of table.

TABLE 4. Employees (Estimated), and Value of Shipments and Receipts, by Product Class and Agency—Continued

Product class code	Product class ¹	Total Employees (1,000)	Total value of shipments (million dollars)	DOD		NASA		AEC		Other agencies ²		Nongovernment	
				Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)
1925	Guided missiles and space vehicles, completely assembled.....	194.8	3,961.8	136.3	2,761.1	57.5	1,185.3	(a)	(k)	(a)	(l)	0.9	14.3
19251	Guided missiles, complete.....	77.7	1,630.7	53.7	1,092.5	23.5	530.5	(a)	(k)	(a)	(i)	(b)	(o)
19253	Research and development on guided missiles (complete).....	76.3	1,507.8	45.2	925.0	(h)	(u)	-	-	-	-	(a)	(o)
19255	All other services on complete missiles and space vehicles.....	40.8	823.3	37.4	743.6	(e)	(r)	-	-	(a)	(l)	-	-
3731	Ship building and repairing.....	92.5	1,343.6	58.2	836.0	-	-	(a)	(m)	7.7	126.0	(h)	(t)
37311	Nonpropelled ships (barges, etc.), new construction	63.8	936.4	45.5	645.9	-	-	-	-	6.0	101.0	12.3	189.3
37312	Self-propelled U.S. military ships, new construction	13.2	198.7	12.5	187.4	-	-	-	-	0.6	10.5	0.1	0.8
37313	Self-propelled nonmilitary ships, new construction	15.5	208.5	(a)	(n)	-	-	(a)	(m)	1.1	14.5	14.1	189.8
37314	Ship repair, U.S. military.....												
37316	Repair of nonmilitary ships.....												
19110	Guns, howitzers, mortars, and related equipment over 30 mm (or over 1.18 inches).....	14.6	262.6	14.3	256.4	0.2	4.4	(a)	(l)	(a)	(k)	(a)	(l)
1929	Ammunition, except for small arms, not elsewhere classified.....												
19310	Tanks and tank components.....	10.5	368.7	9.8	339.9	-	-	-	-	(a)	(l)	(l)	(q)
19410	Sighting and fire-control equipment made from purchased lenses.....	7.4	121.6	7.2	118.4	-	-	(a)	(l)	(a)	(l)	(a)	(m)
1951	Small arms, 30 mm and under (or 1.18 inches and under).....	9.2	121.0	(e)	(r)	-	-	-	-	(a)	(k)	4.9	63.1
19610	Small arms ammunition 30 mm and under (or 1.18 inches and under).....	8.2	178.6	(e)	(r)	-	-	-	-	(a)	(k)	4.4	93.6
19990	Ordnance and accessories, n.e.c.....	19.9	263.5	6.6	119.5	0.5	9.0	11.8	117.6	0.6	11.8	0.4	5.6
3811	Engineering, laboratory, and scientific and research instruments and associated equipment.....	31.5	583.4	20.9	396.0	(c)	(q)	(a)	(k)	2.6	42.7	6.3	116.7
38111	Aircraft flight, nautical, and navigational instruments and automatic pilots.....	28.3	531.2	20.3	384.3	1.5	26.5	-	-	2.1	34.8	4.4	85.6
38112	Laboratory and scientific instruments.....	2.8	44.7	(b)	(p)	(a)	(m)	(a)	(k)	0.4	6.9	(c)	(q)
38113	Surveying and drafting instruments and laboratory furniture.....	0.4	7.5	(a)	(l)	(a)	(j)	-	-	0.1	1.0	(a)	(o)
38211	Aircraft engine instruments, except flight.....	2.8	42.5	1.4	19.9	(a)	(j)	-	-	(a)	(n)	1.1	17.7
38216	Other mechanical measuring and controlling instruments	1.3	16.0	0.5	5.4	(a)	(k)	(a)	(k)	(a)	(n)	0.4	5.2
3831	Optical instruments and lenses.....	9.3	139.6	3.2	52.9	0.3	5.8	(a)	(k)	0.3	4.4	5.4	76.2
38311	Optical instruments and lenses, except sighting and fire-control equipment.....	7.8	116.8	2.0	34.4	(a)	(o)	(a)	(j)	0.3	4.4	5.1	72.7
38312	Sighting and fire-control equipment made from lenses, prisms, etc., produced in this plant.....	1.5	22.8	1.2	18.5	(a)	(l)	(a)	(j)	-	-	0.3	3.5
3861	Photographic equipment and supplies.....	39.0	1,137.1	3.2	77.8	(a)	(o)	(a)	(o)	1.2	29.7	34.5	1,018.2
38611	Still picture equipment.....	6.7	124.5	1.2	19.7	(a)	(k)	-	-	(a)	(m)	5.3	102.7
38612	Photocopying, microfilming, blueprinting, Vandyke, and whiteprinting equipment.....	2.9	155.2	(a)	(n)	(a)	(n)	(a)	(n)	(a)	(o)	2.5	138.1
38613	Motion picture equipment.....	4.7	73.1	0.2	4.2	(a)	(j)	-	-	0.2	2.7	4.3	66.1
38615	Photographic sensitized film and plates.....	21.9	680.3	1.6	45.1	(a)	1.8	(a)	(m)	(a)	(p)	(g)	(u)
38616	Sensitized photographic paper and cloth, silver halide type.....												
38617	Sensitized photographic paper and cloth, other than silver halide type.....												
38618	Prepared photographic chemicals.....	2.8	103.9	0.1	4.2	(a)	0.7	(a)		0.1	3.6	2.6	94.7

See footnotes at end of table.

TABLE 4. Employees (Estimated), and Value of Shipments and Receipts, by Product Class and Agency—Continued

Product class code	Product class ¹	Total Employees (1,000)	Total value of shipments (million dollars)	DOD		NASA		AEC		Other agencies ²		Nongovernment	
				Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)
11111	Other classes of products and services.....	189.3	4,454.5	85.7	2,116.4	10.7	205.8	4.8	96.0	7.5	143.7	80.6	1,892.6
93000	Research and development ³	9.8	339.5	9.4	324.2	0.1	0.7	—	—	0.1	2.7	0.3	11.9
99980	Receipts for work or services performed by you for others on their materials.....	10.5	141.2	5.6	64.9	0.9	13.4	0.1	0.8	1.0	17.9	3.0	44.2
99989	Other receipts, particularly research and development not identified as to specific product class, and receipts for installation or testing.....	93.0	1,716.7	56.8	1,059.8	7.4	146.3	4.0	79.1	3.5	58.7	21.3	372.8
	Shipments of products bought and resold without further manufacture, processing, or assembly.....	(⁵)	945.4	(⁵)	440.6	(⁵)	1.3	(⁵)	3.0	(⁵)	13.6	(⁵)	486.9
	Other ⁴	76.0	1,311.7	13.9	226.9	2.4	44.1	0.8	13.1	2.9	50.8	56.0	976.8

Note: See appendix A for definitions of letter symbols representing range of figures.

— Represents zero.

¹The 4-digit codes shown represent the totals for the 5-digit product class codes.²Includes shipments to other federal agencies and to DOD, NASA, or AEC if the reporting establishment did not know the ultimate destination of the subcontracted shipments.³Represents figures reported by nonmanufacturing facilities of the manufacturing companies canvassed.⁴Shipments by establishments reporting in this survey of classes of products other than those listed above.⁵For purposes of distributing the total employment in the covered industries by product class and procuring agency, the value of resales was excluded from the computation and, in effect, the employment for such activity was treated as zero.

TABLE 5. Value of Shipments and Receipts, by Geographic Areas, Industry Groups, and Agency

Millions of dollars. The United States total of \$37.4 billion, in tables 1, 2, and 3, represents the universe of plants with twenty or more employees with small plants inflated in accordance with their sample weights in the 1962 Annual Survey of Manufactures. Data in tables 4 through 7, aggregating to a United States total of \$36.6 billion, are not inflated, i.e., they represent reported data only

Geographic area and industry group ¹	Total	Government			Non-government	Shipments to DOD (included in total)
		Total	Prime contract	Sub-contract		
United States, total.....	36,612.6	24,383.6	19,515.9	4,867.7	12,229.0	20,362.7
Selected machinery.....	4,722.7	690.3	475.7	214.6	4,032.4	507.9
Communication equipment.....	7,870.7	5,559.8	3,988.2	1,571.6	2,310.9	4,991.1
Electronic components and accessories.....	2,244.4	843.8	268.0	575.8	1,400.6	437.0
Aerospace industries.....	15,941.2	13,852.7	11,893.6	1,959.1	2,088.6	11,512.6
Shipbuilding and repairing and ordnance.....	2,941.0	2,226.2	2,060.3	165.9	714.8	1,924.5
Selected instruments and miscellaneous industries.....	2,892.6	1,210.9	830.1	380.8	1,681.7	989.6
Northeast, total.....	12,176.2	7,293.7	5,673.1	1,620.6	4,882.5	6,343.3
Selected machinery.....	1,507.7	204.0	130.7	73.3	1,303.7	140.8
Communication equipment.....	3,171.0	2,434.3	1,879.7	554.6	736.7	2,177.7
Electronic components and accessories.....	1,146.8	367.2	117.1	250.1	779.6	193.5
Aerospace industries.....	3,360.3	2,909.0	2,455.5	453.5	451.4	2,633.9
Shipbuilding and repairing and ordnance.....	836.2	593.0	536.3	56.7	243.2	546.3
Selected instruments and miscellaneous industries.....	2,154.2	786.2	553.8	232.4	1,368.0	651.1
New England.....	3,818.1	2,618.7	2,100.0	518.7	1,199.4	2,338.4
Selected machinery.....	318.8	65.5	35.5	30.0	253.3	50.6
Communication equipment.....	891.3	619.6	497.5	122.1	271.7	563.6
Electronic components and accessories.....	363.2	136.4	37.7	98.7	226.8	65.5
Aerospace industries.....	1,617.4	(v)	1,142.7	(t)	(t)	1,229.1
Shipbuilding and repairing and ordnance.....	519.9	(t)	362.0	(q)	(s)	373.6
Selected instruments and miscellaneous industries.....	107.5	60.3	24.6	35.7	47.2	56.0
Middle Atlantic.....	8,358.1	4,675.0	3,573.1	1,101.9	3,683.1	4,004.9
Selected machinery.....	1,188.9	138.5	95.2	43.3	1,050.4	90.2
Communication equipment.....	2,279.7	1,814.8	1,382.2	432.6	464.9	1,614.1
Electronic components and accessories.....	783.6	230.8	79.4	151.4	552.8	128.0
Aerospace industries.....	1,742.9	(v)	1,312.8	(t)	(s)	1,404.8
Shipbuilding and repairing and ordnance.....	316.3	(t)	174.4	(q)	(s)	172.7
Selected instruments and miscellaneous industries.....	2,046.8	725.9	529.2	196.7	1,320.9	595.1
North Central, total.....	9,012.3	4,430.0	3,439.6	990.4	4,582.3	3,659.8
Selected machinery.....	2,714.4	354.3	259.8	94.5	2,360.1	259.8
Communication equipment.....	1,936.1	863.3	580.5	282.8	1,072.8	754.2
Electronic components and accessories.....	304.7	54.8	15.5	39.3	249.9	14.9
Aerospace industries.....	2,958.6	2,434.5	1,969.0	465.5	524.1	2,036.3
Shipbuilding and repairing and ordnance.....	707.4	586.5	536.0	50.5	120.9	494.4
Selected instruments and miscellaneous industries.....	391.1	136.6	78.8	57.8	254.5	100.2
East North Central.....	6,431.4	2,552.0	1,839.9	712.1	3,879.4	2,298.9
Selected machinery.....	2,338.8	(s)	(s)	(r)	(v)	(s)
Communication equipment.....	1,440.8	(u)	(t)	(s)	(u)	(u)
Electronic components and accessories.....	(t)	(q)	10.2	(q)	195.9	12.0
Aerospace industries.....	1,640.1	(v)	(u)	370.3	(T)	1,136.5
Shipbuilding and repairing and ordnance.....	425.3	337.1	296.2	40.9	88.2	331.6
Selected instruments and miscellaneous industries.....	(t)	(s)	55.9	(q)	252.2	75.0
West North Central.....	2,580.8	1,878.0	1,599.8	278.2	702.8	1,360.9
Selected machinery.....	375.6	(s)	(s)	(q)	(t)	(s)
Communication equipment.....	495.3	(t)	(s)	(s)	(t)	(s)
Electronic components and accessories.....	(r)	(q)	5.4	(p)	53.9	2.9
Aerospace industries.....	1,318.5	(v)	(v)	95.2	(s)	899.8
Shipbuilding and repairing and ordnance.....	282.0	249.3	239.8	(o)	32.7	162.8
Selected instruments and miscellaneous industries.....	(q)	(q)	22.9	(o)	2.3	25.2
South, total.....	4,520.9	3,526.6	2,964.5	561.9	994.3	2,889.3
Selected machinery.....	111.4	17.1	15.5	1.6	94.3	11.7
Communication equipment.....	1,199.8	851.4	660.0	191.4	348.4	756.0
Electronic components and accessories.....	335.2	147.3	35.6	111.7	187.9	83.8
Aerospace industries.....	2,036.4	1,929.5	1,721.9	207.6	106.9	1,548.4
Shipbuilding and repairing and ordnance.....	688.3	449.7	431.0	18.7	238.6	369.0
Selected instruments and miscellaneous industries.....	149.8	131.6	100.5	31.1	18.2	120.4

See footnote at end of table.

TABLE 5. Value of Shipments and Receipts, by Geographic Areas, Industry Groups and Agency—Continued

(Millions of dollars)

Geographic area and industry group ¹	Total	Government			Non-government	Shipments to DOD (included in total)
		Total	Prime contract	Sub-contract		
South—Continued						
South Atlantic.....	2,587.3	2,046.8	1,714.9	331.9	540.5	1,805.9
Selected machinery.....	(r)	(p)	(p)	(l)	(r)	(p)
Communication equipment.....	820.5	595.4	442.9	152.5	225.1	524.5
Electronic components and accessories.....	161.5	97.4	26.6	70.8	64.1	76.4
Aerospace industries.....	982.6	941.3	876.0	65.3	41.3	840.9
Shipbuilding and repairing and ordnance.....	430.4	302.0	289.2	12.8	128.4	264.2
Selected instruments and miscellaneous industries.....	(s)	(r)	(r)	(q)	(o)	(r)
East South Central.....	461.3	331.7	254.7	77.0	128.6	218.3
Selected machinery.....	(o)	(n)	(n)	(k)	(n)	(k)
Communication equipment.....	53.5	(q)	(q)	(o)	(o)	(q)
Electronic components and accessories.....	(r)	(p)	(o)	(o)	(r)	7.4
Aerospace industries.....	224.3	(t)	142.3	(r)	(q)	103.7
Shipbuilding and repairing and ordnance.....	107.0	65.7	(r)	(n)	41.3	60.9
Selected instruments and miscellaneous industries.....	(m)	(m)	(m)	-	-	-
West South Central.....	1,472.5	1,148.3	995.0	153.3	324.2	865.1
Selected machinery.....	(p)	(m)	(m)	0.7	18.0	(k)
Communication equipment.....	325.8	(t)	(s)	(q)	(s)	(s)
Electronic components and accessories.....	(s)	(q)	(m)	(q)	(r)	-
Aerospace industries.....	829.6	(u)	703.7	(r)	(q)	603.8
Shipbuilding and repairing and ordnance.....	150.9	82.1	(r)	(n)	68.8	43.8
Selected instruments and miscellaneous industries.....	40.9	(q)	(q)	(m)	(o)	(q)
West, total.....	10,903.2	9,133.3	7,438.5	1,694.8	1,769.9	7,470.3
Selected machinery.....	389.2	114.9	69.6	45.3	274.3	95.6
Communication equipment.....	1,563.8	1,410.7	868.0	542.7	153.1	1,303.2
Electronic components and accessories.....	457.7	274.5	99.7	174.8	183.2	144.8
Aerospace industries.....	7,585.9	6,579.6	5,747.1	832.5	1,006.3	5,294.1
Shipbuilding and repairing and ordnance.....	709.1	597.1	557.0	40.1	112.0	514.8
Selected instruments and miscellaneous industries.....	197.5	156.5	97.1	59.4	41.0	117.8
Mountain.....	1,318.8	1,094.2	917.5	176.7	224.6	1,017.7
Selected machinery.....	(s)	(r)	(q)	(p)	(r)	(r)
Communication equipment.....	56.6	(r)	(q)	30.0	(m)	40.7
Electronic components and accessories.....	67.5	(q)	(n)	18.8	(q)	7.8
Aerospace industries.....	931.9	834.7	752.5	82.2	97.2	829.6
Shipbuilding and repairing and ordnance.....	(q)	(q)	(q)	(o)	(o)	(n)
Selected instruments and miscellaneous industries.....	82.5	(r)	(r)	(q)	(o)	74.4
Pacific.....	9,584.4	8,039.2	6,521.0	1,518.2	1,545.2	6,452.6
Selected machinery.....	(t)	(q)	(q)	(q)	(t)	(q)
Communication equipment.....	1,507.2	(v)	(u)	512.7	(s)	1,262.5
Electronic components and accessories.....	390.2	(t)	(r)	156.0	(s)	137.0
Aerospace industries.....	6,654.0	5,745.0	4,994.6	750.4	909.0	4,464.5
Shipbuilding and repairing and ordnance.....	(u)	(u)	(u)	(q)	(s)	(u)
Selected instruments and miscellaneous industries.....	115.0	(r)	(q)	(q)	(q)	43.4

¹See Appendix A for description of industry groups.

TABLE 6. Employees, Value Added and Value of Shipments and Receipts, by Geographic Areas and Agency

Value figures in millions of dollars. The United States total of \$37.4 billion, in tables 1, 2, and 3, represents the universe of plants with twenty or more employees with small plants inflated in accordance with their sample weights in the 1962 Annual Survey of Manufactures. Data in tables 4 through 7, aggregating to a United States total of \$36.6 billion, are not inflated, i.e., they represent reported data only

Geographic area ¹	Total employees (1,000)	Value added by manufacture	Total value of shipments	Government shipments							Non-government shipments
				Total	By level of contract		By agency				
					Prime	Sub-contract	DOD	NASA	AEC	Other agencies ²	
United States, total.....	1,881.7	21,841.9	36,612.6	24,383.6	19,515.9	4,867.7	20,362.7	2,417.0	319.0	1,284.9	12,229.0
Maine.....	4.6	43.1	83.3	(r)	(r)	(q)	(r)	-	-	(p)	(o)
New Hampshire.....	7.3	52.0	86.4	57.1	(q)	(p)	(q)	(k)	(h)	12.0	29.2
Lawrence-Haverhill, Mass.-N.H. (See Massachusetts)											
Vermont.....	5.9	62.8	95.0	(q)	(q)	(o)	(q)	(i)	(h)	1.5	(q)
Massachusetts.....	90.5	934.0	1,586.4	949.4	714.1	235.3	836.7	26.8	6.0	80.0	637.0
Boston.....	52.4	557.2	952.0	717.5	542.9	174.6	640.0	12.4	5.2	59.8	234.6
Lawrence-Haverhill, Mass.-N.H.....	(b)	(n)	(o)	(l)	(j)	(l)	(j)	-	-	(l)	(o)
Providence-Pawtucket-Warwick, R.I.-Mass. (See Rhode Island)											
Springfield-Chicopee-Holyoke, Mass.-Conn.....	4.9	44.3	67.0	17.3	9.8	7.5	13.9	(j)	(j)	(n)	49.7
Worcester.....	2.8	28.5	39.0	(o)	(o)	(m)	(o)	-	-	(m)	(q)
Rhode Island.....	1.9	16.8	29.4	(p)	(p)	1.7	(p)	-	-	(l)	(p)
Providence-Pawtucket-Warwick, R.I.-Mass.....	(b)	(o)	(o)	(m)	(k)	(m)	(m)	-	-	(k)	(o)
Connecticut.....	103.8	1,081.2	1,937.6	1,475.7	1,234.9	240.8	1,341.4	47.9	(q)	(r)	461.9
Bridgeport.....	19.7	226.6	380.6	(t)	(t)	30.6	(t)	(n)	(j)	20.1	(r)
Hartford.....	(h)	(t)	(u)	(u)	(u)	(r)	(u)	(q)	(m)	4.7	(s)
New Haven.....	(f)	(r)	(s)	(s)	(s)	(n)	(s)	(n)	-	(l)	(r)
Springfield-Chicopee-Holyoke, Mass.-Conn. (See Massachusetts)											
Waterbury.....	1.0	7.8	13.6	10.6	(n)	(o)	(o)	-	-	(n)	(n)
New York.....	229.2	3,193.0	5,049.0	2,870.4	2,308.1	562.3	2,498.7	150.8	(r)	(s)	2,178.5
Albany-Schenectady-Troy.....	(g)	(s)	(t)	(r)	(r)	(p)	(q)	(n)	(q)	(n)	(s)
Binghamton, N.Y.-Pa.....	20.3	184.9	411.2	(s)	110.6	(r)	136.7	(q)	-	10.4	(t)
Buffalo.....	11.3	110.7	178.3	131.7	50.8	80.9	118.5	(o)	(k)	4.3	46.6
New York.....	90.2	1,224.2	2,005.3	1,836.3	1,630.2	206.1	1,689.6	88.6	1.3	56.7	169.0
Rochester.....	46.8	926.1	1,218.9	178.8	154.7	24.1	125.8	(o)	(o)	41.6	1,040.1
Syracuse.....	(g)	(s)	(s)	(s)	(s)	(q)	(s)	(l)	-	(o)	(q)
Utica-Rome.....	11.6	163.7	244.5	(r)	50.7	(q)	98.2	(l)	(j)	(j)	(s)
New Jersey.....	107.2	1,241.3	1,865.4	1,109.6	736.9	372.7	928.7	(r)	(m)	115.3	755.8
Allentown-Bethlehem-Easton, Pa.-N.J. (See Pennsylvania)											
Jersey City.....	15.5	155.6	250.3	20.5	10.7	9.9	12.5	(k)	-	(o)	229.7
Newark.....	19.2	195.9	316.9	174.8	106.6	68.2	139.7	(o)	(m)	25.6	142.1
Paterson-Clifton-Passaic.....	30.4	356.7	529.0	438.6	351.4	87.2	369.6	(p)	-	(r)	90.4
Philadelphia, Pa.-N.J. (See Pennsylvania)											
Wilmington, Del.-N.J.-Md. (See Delaware)											
Pennsylvania.....	81.2	875.9	1,443.7	694.9	528.1	166.9	577.7	(q)	(n)	78.8	748.7
Allentown-Bethlehem-Easton, Pa.-N.J.....	(b)	(r)	(r)	(o)	(m)	(o)	(o)	-	-	(j)	(r)
Binghamton, N.Y.-Pa. (See New York)											
Lancaster.....	(e)	(r)	(s)	(p)	(p)	(o)	(o)	(l)	(j)	(o)	(r)
Philadelphia, Pa.-N.J.....	58.3	605.7	998.0	637.5	527.3	110.2	544.5	(q)	(n)	57.1	360.4
Pittsburgh.....	4.0	42.6	75.6	15.0	(p)	(n)	14.1	(l)	(j)	(k)	60.5
Reading.....	(e)	(q)	(q)	(q)	(o)	(q)	(q)	-	-	-	(p)
Wilkes-Barre-Hazleton.....	(b)	(o)	(p)	(o)	(k)	(o)	(o)	(j)	-	(n)	(n)
York.....	2.8	35.8	80.6	(q)	(q)	5.3	(q)	-	(m)	(j)	(q)
Ohio.....	103.2	1,154.8	2,124.1	1,150.4	845.0	305.4	1,084.5	(p)	(q)	29.0	973.7
Akron.....	(f)	(r)	(s)	(r)	(r)	(q)	(r)	(m)	-	(k)	(q)
Cincinnati, Ohio-Ky.-Ind.....	26.1	316.3	619.2	427.0	(t)	(q)	(t)	3.9	10.2	(p)	192.2
Cleveland.....	18.4	197.5	356.8	239.5	158.5	81.1	219.6	(n)	(o)	7.5	117.3
Columbus.....	(g)	204.1	379.0	(s)	(s)	15.8	(s)	(n)	-	(m)	(t)
Dayton.....	(g)	(s)	(t)	25.3	17.5	7.8	(q)	-	-	(n)	(t)
Toledo, Ohio-Mich.....	1.2	11.2	18.7	(p)	(p)	(m)	(p)	-	-	(m)	(o)
Youngstown-Warren.....	(b)	(o)	(p)	(p)	-	(p)	(p)	-	(k)	-	(n)
Indiana.....	44.4	473.7	870.0	513.1	368.4	144.7	(t)	(n)	(o)	35.7	356.9
Cincinnati, Ohio-Ky.-Ind. (See Ohio)											
Gary-Hammond-East Chicago.....	(a)	(n)	(n)	(n)	-	(n)	(l)	(k)	(j)	(m)	(n)
Indianapolis.....	24.6	293.7	533.4	254.9	(t)	(r)	(t)	(m)	(o)	(p)	278.4
Louisville, Ky.-Ind. (See Kentucky)											
Illinois.....	105.7	1,265.1	2,297.5	382.3	240.1	142.2	314.0	(o)	(n)	57.7	1,915.3
Chicago.....	66.9	752.8	1,369.1	236.6	155.3	81.2	190.3	1.7	0.4	44.1	1,132.5

See footnotes at end of table.

TABLE 6. Employees, Value Added and Value of Shipments and Receipts, by Geographic Areas and Agency—Continued

(Value figures in millions of dollars)

Geographic area ¹	Total employees (1,000)	Value added by manufacture	Total value of shipments	Government shipments							Non-government shipments
				Total	By level of contract		By agency				
					Prime	Sub-contract	DOD	NASA	AEC	Other agencies ²	
Illinois—Continued											
Davenport-Rock Island-Moline, Ill.-Iowa.....	2.0	24.5	35.1	(p)	(n)	(o)	(n)	(m)	-	(o)	(q)
Peoria.....	(g)	(t)	(t)	(p)	(p)	(k)	(p)	-	(j)	(n)	(t)
Rockford.....	5.4	57.9	104.9	50.1	(q)	(q)	(q)	0.2	-	(o)	54.8
St. Louis, Mo.-Ill. (See Missouri)											
Michigan.....	29.8	322.4	603.0	300.5	219.6	80.9	267.0	(o)	(n)	22.6	302.6
Detroit.....	16.6	169.8	316.6	128.7	98.2	30.5	118.5	0.5	(n)	(o)	187.9
Grand Rapids.....	(e)	(q)	(r)	(r)	(q)	(q)	(r)	(k)	-	(k)	14.3
Toledo, Ohio-Mich. (See Ohio)											
Wisconsin.....	27.7	344.0	536.8	205.6	(s)	(q)	(s)	(p)	(h)	21.9	331.2
Milwaukee.....	24.2	303.1	456.6	198.1	(s)	(q)	(s)	(p)	-	(p)	258.5
Minnesota.....	27.3	354.1	580.3	369.6	256.2	113.4	276.7	(q)	(p)	30.3	210.7
Minneapolis-St. Paul.....	23.7	336.6	513.1	363.4	253.5	110.0	274.1	(q)	(p)	26.8	149.7
Iowa.....	17.9	192.4	340.4	192.1	132.6	59.5	(s)	(q)	(p)	21.0	148.3
Davenport-Rock Island-Moline, Ill.-Iowa (See Illinois)											
Missouri.....	48.0	485.7	1,002.0	(u)	(u)	(q)	(u)	(t)	(r)	11.5	(s)
Kansas City, Mo.-Kans.....	15.2	140.7	229.0	(s)	(s)	(o)	(r)	(k)	(r)	2.9	(s)
St. Louis, Mo.-Ill.....	(h)	(t)	(u)	(u)	(u)	(q)	(u)	(t)	(m)	(o)	(q)
North Dakota.....	(c)	(p)	(q)	(q)	(q)	-	(q)	-	-	-	-
South Dakota.....	(c)	(q)	(q)	(q)	(q)	-	(q)	-	-	-	-
Nebraska.....	(e)	(r)	(s)	(o)	(m)	(o)	(m)	(k)	(k)	(o)	(r)
Kansas.....	30.6	302.0	492.7	360.2	(t)	(r)	319.0	(q)	-	(n)	132.5
Kansas City, Mo.-Kans. (See Missouri)											
Wichita.....	28.9	294.4	480.4	356.7	(t)	(r)	318.5	(q)	-	(l)	123.6
Delaware.....	(b)	(n)	(o)	(o)	(o)	(j)	(o)	(g)	-	(k)	(m)
Wilmington, Del.-N.J.-Md.....	(c)	(p)	(q)	(q)	(o)	(p)	(p)	(n)	(k)	0.8	(m)
Maryland.....	45.0	473.2	766.7	541.6	478.4	63.3	474.7	31.7	(o)	(q)	225.1
Baltimore.....	32.9	218.5	531.9	342.0	312.0	29.9	296.8	16.2	(o)	(q)	190.0
Washington, D.C.-Md.-Va. (See District of Columbia)											
Wilmington, Del.-N.J.-Md. (See Delaware)											
District of Columbia.....	(a)	(o)	(o)	(o)	(o)	(h)	(n)	(o)	-	(i)	(h)
Washington, D.C.-Md.-Va.....	8.6	88.9	142.6	133.5	72.7	60.8	119.1	12.4	(k)	(m)	9.1
Virginia.....	32.7	299.6	464.3	353.2	271.9	81.3	339.8	(l)	(e)	12.6	111.1
Washington, D.C.-Md.-Va. (See District of Columbia)											
West Virginia.....	1.2	6.6	11.3	(o)	(o)	-	9.4	-	-	(l)	(m)
North Carolina.....	18.3	207.3	330.5	245.2	180.0	65.2	(t)	(j)	-	2.5	85.4
Greensboro-High Point.....	(c)	(q)	(r)	(q)	(q)	(p)	(q)	-	-	-	(o)
South Carolina.....	3.0	21.5	34.5	14.1	(n)	(p)	3.1	(h)	(g)	(p)	20.3
Georgia.....	(g)	(s)	(t)	(t)	(t)	(o)	(t)	(n)	-	(n)	(p)
Atlanta.....	(g)	(s)	(t)	(t)	(t)	(m)	(t)	(n)	-	(n)	(p)
Chattanooga, Tenn.-Ga. (See Tennessee)											
Florida.....	31.4	400.7	625.5	544.6	442.2	102.3	413.8	105.2	(k)	(q)	80.9
Miami.....	(a)	(n)	(o)	(n)	(m)	(n)	(n)	(l)	-	(k)	(m)
Kentucky.....	4.8	(q)	(r)	(p)	(o)	(n)	(o)	(j)	(n)	(n)	(q)
Cincinnati, Ohio-Ky.-Ind. (See Ohio)											
Louisville, Ky.-Ind.....	(c)	(n)	(p)	(p)	(p)	-	(p)	-	-	-	-
Tennessee.....	8.5	69.0	119.5	83.3	(q)	(q)	78.1	1.2	(h)	(n)	36.2
Chattanooga, Tenn.-Ga.....	(a)	(m)	(m)	(m)	(k)	(m)	(k)	-	-	(m)	(j)
Memphis, Tenn.-Ark.....	(a)	(m)	(m)	(m)	(l)	(l)	(m)	-	-	-	-
Nashville.....	3.6	(q)	(r)	(q)	(l)	(q)	(q)	(l)	-	(n)	(q)
Alabama.....	17.5	155.9	198.4	168.2	153.6	14.6	71.6	94.4	(j)	(n)	30.2
Birmingham.....	(f)	(q)	(r)	(r)	(r)	(m)	(q)	(q)	-	-	-
Mississippi.....	6.2	(q)	(r)	(r)	(r)	(p)	(r)	(m)	(h)	(n)	20.7
Arkansas.....	1.7	(p)	(q)	(q)	(q)	(n)	(q)	(k)	(c)	(l)	(o)
Memphis, Tenn.-Ark. (See Tennessee)											

See footnotes at end of table.

TABLE 6. Employees, Value Added and Value of Shipments and Receipts, by Geographic Areas and Agency—Continued

(Value figures in millions of dollars)

Geographic area ¹	Total employ- ees (1,000)	Value added by manufac- ture	Total value of shipments	Government shipments							Non- govern- ment shipments
				Total	By level of contract		By agency				
					Prime	Sub- contract	DOD	NASA	AEC	Other agencies ²	
Louisiana.....	12.8	129.0	238.1	187.0	(s)	(m)	42.9	(s)	-	(p)	51.1
New Orleans.....	10.2	117.0	225.4	175.3	(s)	(m)	31.3	(s)	-	(p)	50.1
Oklahoma.....	12.6	138.0	205.4	(s)	83.3	(q)	(r)	11.3	-	(p)	(r)
Texas.....	54.4	595.4	997.3	829.9	703.4	126.5	716.7	35.7	(p)	(r)	167.3
Dallas.....	28.4	308.4	504.0	389.8	(t)	(r)	312.3	(q)	-	(q)	114.2
Fort Worth.....	(g)	(s)	(t)	(t)	(t)	(p)	(t)	(m)	-	(p)	(p)
Houston.....	(c)	10.9	19.8	(o)	(o)	1.2	(n)	-	-	(n)	(p)
Montana.....	(c)	(q)	(q)	(q)	(q)	-	(q)	-	-	-	-
Idaho.....	(a)	(m)	(n)	(n)	(n)	(l)	(m)	(m)	(k)	(j)	(k)
Wyoming.....	(a)	(n)	(o)	(o)	(o)	(j)	(o)	-	-	(h)	(j)
Colorado.....	(g)	(t)	(t)	(t)	(t)	(p)	(t)	(m)	-	(j)	(r)
Denver.....	(g)	(t)	(t)	(t)	(t)	(p)	(t)	(m)	-	(j)	(r)
New Mexico.....	2.9	(q)	(r)	(q)	(q)	(p)	(p)	(l)	(q)	(k)	(o)
Arizona.....	21.5	231.3	388.0	255.6	168.0	87.6	220.8	17.2	(n)	(p)	132.4
Phoenix.....	16.6	185.4	303.2	178.2	94.8	83.4	144.4	16.4	(n)	(p)	125.0
Utah.....	18.0	195.0	379.1	374.6	324.2	50.4	372.4	(m)	(k)	(l)	4.5
Washington.....	(i)	(u)	(v)	(u)	(u)	(q)	(u)	(n)	(j)	(m)	(t)
Seattle-Everett.....	(i)	(u)	(v)	(u)	(u)	(q)	(u)	(n)	(j)	(m)	(t)
Oregon.....	2.9	27.2	47.6	26.0	(p)	(p)	23.8	(j)	(f)	(n)	21.7
California.....	407.5	4,885.0	8,116.0	7,036.0	5,557.8	1,478.2	5,456.0	1,248.3	27.4	304.3	1,080.0
Anaheim-Santa Ana-Garden Grove.....	21.1	238.2	331.6	268.0	158.8	109.2	208.2	17.7	2.0	40.1	63.6
Los Angeles-Long Beach.....	220.5	2,794.2	4,519.2	3,916.1	3,100.1	816.0	2,793.3	992.8	8.9	121.1	603.1
San Diego.....	42.5	477.8	696.7	577.6	(t)	(s)	389.9	(s)	(o)	46.8	119.2
San Francisco-Oakland.....	15.1	177.3	275.3	174.0	96.7	77.3	148.3	(o)	(n)	14.8	101.2
San Jose.....	46.0	485.5	1,114.3	981.5	891.9	89.6	882.0	(q)	(l)	53.7	132.8
Hawaii.....	(b)	(o)	(o)	(o)	(o)	-	(o)	-	-	(k)	-

¹SMSA - Standard Metropolitan Statistical Area. The figures shown for those states in which SMSA data is also shown, do not reflect the total of those SMSA's. (See text for further explanation).

²See table 4, footnote 2.

TABLE 7. Employees, Value Added, and Value of Shipments and Receipts, by Geographic Areas and Industry Groups

The United States total of \$37.4 billion, in tables 1, 2, and 3, represents the universe of plants with twenty or more employees with small plants inflated in accordance with their sample weights in the 1962 Annual Survey of Manufactures. Data in tables 4 through 7, aggregating to a United States total of \$36.6 billion, are not inflated, i.e., they represent reported data only.

Geographic area ¹	Employees (1,000)	Value added by manufac- ture (million dollars)	Total value of shipments (million dollars)	Selected machinery		Communication equipment		Electronic components and accessories		Aerospace industries		Shinbuilding and repairing and ordnance		Selected instruments and miscellaneous industries	
				Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)
United States, total.....	1,881.7	21,841.9	36,612.6	216.5	4,722.8	415.8	7,870.7	165.7	2,244.4	779.8	15,941.2	178.8	2,941.0	125.1	2,892.5
Maine.....	4.6	43.1	83.3	(a)	(o)	-	-	-	-	(b)	(p)	(e)	(r)	-	-
New Hampshire.....	7.3	52.0	86.4	-	-	(e)	(q)	4.2	34.3	-	-	-	-	(a)	(o)
Lawrence-Haverhill, Mass.-N.H. (See Massachusetts)															
Vermont.....	5.9	62.8	95.0	3.1	46.7	-	-	(a)	(n)	(e)	(q)	-	-	(a)	(m)
Massachusetts.....	90.5	934.0	1,586.4	12.3	209.5	35.9	751.9	19.3	230.5	11.9	(t)	7.3	106.9	3.7	(r)
Boston.....	52.4	557.2	952.0	(f)	(r)	19.2	401.4	9.9	131.1	(g)	(t)	(e)	(r)	-	-
Lawrence-Haverhill, Mass.-N.H.....	(b)	(n)	(o)	-	-	-	-	(b)	(o)	-	-	-	-	-	-
Providence-Pawtucket-Warwick, R.I.-Mass. (See Rhode Island)															
Springfield-Chicopee-Holyoke, Mass.-Conn. Worcester.....	4.9	44.3	67.0	(a)	(o)	-	-	(e)	(q)	(a)	(m)	(c)	(q)	(a)	(o)
Rhode Island.....	1.9	28.5	39.0	(e)	(q)	-	-	1.1	13.0	(a)	(l)	-	-	-	-
Providence-Pawtucket-Warwick, R.I.-Mass. Providence.....	(b)	(o)	(o)	-	-	(b)	(p)	(b)	(o)	-	-	-	-	(a)	(m)
Connecticut.....	103.8	1,081.2	1,937.6	3.2	57.5	4.9	77.4	7.3	82.9	63.6	(v)	22.5	353.7	2.4	(q)
Bridgeport.....	19.7	226.6	380.6	(e)	(q)	-	-	(b)	(o)	(g)	(t)	(c)	(q)	-	-
Hartford.....	(h)	(t)	(u)	-	-	-	-	(b)	(o)	(h)	(u)	(b)	(o)	-	-
New Haven.....	(f)	(r)	(s)	-	-	(a)	(o)	(a)	(l)	(f)	(s)	(e)	(q)	-	-
Springfield-Chicopee-Holyoke, Mass.-Conn. (See Massachusetts)															
Waterbury.....	1.0	7.8	13.6	-	-	(b)	(o)	-	-	-	-	-	-	(a)	(n)
New York.....	229.2	3,193.0	5,049.0	36.7	851.2	64.4	1,206.4	12.0	194.2	48.8	1,062.5	7.4	116.5	59.9	1,618.4
Albany-Schenectady-Troy.....	(g)	(s)	(t)	(f)	(s)	-	-	(b)	(p)	-	-	-	-	(e)	(r)
Binghamton, N.Y.-Pa.....	20.3	184.9	411.2	(f)	(g)	(f)	(s)	(b)	(f)	(c)	(q)	-	-	(e)	(r)
Buffalo.....	11.3	110.7	178.3	(b)	(g)	(e)	(f)	(b)	(f)	5.4	86.1	(b)	(p)	(e)	(p)
New York.....	90.2	1,224.2	2,005.3	(c)	(q)	29.4	597.7	(c)	(p)	38.0	885.8	4.7	75.8	13.2	364.4
Rochester.....	46.8	926.1	1,218.9	(e)	(q)	(f)	(s)	(a)	(p)	-	-	-	-	36.1	1,047.0
Syracuse.....	(g)	(s)	(s)	(a)	(l)	(e)	(r)	(c)	(p)	(c)	(q)	(e)	(p)	-	-
Utica-Rome.....	11.6	163.7	244.5	(e)	(s)	(e)	(r)	-	-	-	-	-	-	-	-
New Jersey.....	107.2	1,241.3	1,865.4	2.6	43.2	52.1	905.7	16.0	209.8	15.7	275.0	6.8	85.7	14.1	346.0
Allentown-Bethlehem-Easton, Pa.-N.J. (See Pennsylvania)															
Jersey City.....	15.5	155.6	250.3	-	-	(f)	(s)	(e)	(q)	(a)	(n)	(c)	(q)	(b)	(o)
Newark.....	19.2	195.9	316.9	(a)	(n)	(e)	(r)	4.7	58.2	5.5	91.9	-	-	(e)	(r)
Patterson-Olifton-Passaic.....	30.4	356.7	529.0	(a)	(n)	15.0	254.3	(a)	(n)	(f)	(s)	-	-	(f)	(s)
Philadelphia, Pa.-N.J. (See Pennsylvania) Wilmington, Del.-N.J.-Md. (See Delaware)															
Pennsylvania.....	81.2	875.9	1,443.7	13.6	294.5	10.8	167.7	22.9	379.5	24.0	405.4	5.5	114.1	4.4	82.4
Allentown-Bethlehem-Easton, Pa.-N.J. (See Pennsylvania)	(b)	(r)	(r)	-	-	-	-	(e)	(r)	-	-	-	-	(a)	(p)
Binghamton, N.Y.-Pa. (See New York)															
Lancaster.....	(e)	(r)	(s)	-	-	-	-	(e)	(s)	-	-	-	-	(e)	(n)
Philadelphia, Pa.-N.J.....	58.3	605.7	998.0	10.8	229.3	23.1	375.5	1.6	35.4	11.1	202.1	(f)	(r)	(e)	(r)
Pittsburgh.....	4.0	42.6	75.6	(a)	(n)	(c)	(q)	(c)	(p)	-	-	(b)	(q)	(a)	(n)
Reading.....	(e)	(q)	(p)	-	-	-	-	(e)	(q)	-	-	-	-	(a)	(o)
Wilkes-Barre-Hazleton.....	(b)	(o)	(p)	-	-	-	-	(b)	(o)	(a)	(n)	(a)	(q)	-	-
York.....	2.8	35.8	80.6	(c)	(q)	-	-	-	-	(a)	(n)	-	-	-	-
Ohio.....	103.2	1,154.8	2,124.1	34.3	621.5	14.0	332.6	4.3	49.3	43.9	943.3	(f)	(s)	(c)	(p)
Akron.....	(f)	(r)	(s)	-	-	-	-	-	-	-	-	(a)	(o)	-	-
Cincinnati, Ohio-Ky.-Ind.....	26.1	316.3	619.2	7.3	120.7	(e)	(s)	(c)	(q)	(g)	(t)	(f)	(s)	(b)	(p)
Cleveland.....	18.4	197.5	356.8	4.4	83.4	(a)	(n)	(b)	(q)	9.0	144.0	(e)	(s)	-	-
Columbus.....	(g)	204.1	379.0	(b)	(o)	(e)	(r)	-	-	(g)	(t)	-	(q)	-	-

See footnotes at end of table.

TABLE 7. Employees, Value Added, and Value of Shipments and Receipts, by Geographic Areas and Industry Groups—Continued

Geographic area ¹	Employees (1,000)	Value added by manufacture (million dollars)	Total value of shipments (million dollars)	Selected machinery		Communication equipment		Electronic components and accessories		Aerospace industries		Shipbuilding and repairing and ordnance		Selected instruments and miscellaneous industries	
				Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)
Ohio—Continued															
Dayton.....	(g)	(s)	(t)	(g)	(t)	0.4	4.8	(a)	(m)	1.1	22.0	(a)	(n)	(a)	(n)
Toledo, Ohio-Mich.....	1.2	11.2	18.7	-	-	-	-	(a)	(n)	(b)	(p)	(a)	(n)	(a)	(n)
Youngstown-Warren.....	(b)	(o)	(p)	-	-	-	-	-	-	(b)	(p)	-	-	-	-
Indiana.....	44.4	473.7	870.0	2.0	42.0	(g)	(s)	6.1	76.8	21.1	(t)	(e)	(r)	(a)	(n)
Cincinnati, Ohio-Ky.-Ind. (See Ohio)	(a)	(n)	(n)	-	(q)	(f)	(s)	(c)	(p)	(g)	(t)	(a)	(n)	(k)	(n)
Gary-Hammond-East Chicago.....	24.6	293.7	533.4	(c)	(q)	(f)	(s)	(c)	(p)	(g)	(t)	(a)	(n)	(k)	(n)
Indianapolis.....															
Louisville, Ky.-Ind. (See Kentucky)															
Illinois.....	105.7	1,265.1	2,297.5	47.2	1,182.0	37.1	737.5	5.5	82.3	4.7	90.1	4.9	(r)	6.3	(s)
Chicago.....	66.9	752.8	1,369.1	21.8	498.6	34.1	673.9	(f)	(r)	(a)	(o)	-	(r)	5.7	113.8
Davenport-Rock Island-Moline, Iowa-Ill.....	2.0	24.5	35.1	(a)	(o)	(b)	(p)	-	-	(e)	(r)	-	-	(c)	(p)
Peoria.....	(g)	(t)	(t)	(g)	(t)	-	-	-	-	(e)	(r)	-	-	(a)	(o)
Rockford.....	5.4	57.9	104.9	1.8	32.2	-	-	-	-	-	-	-	-	-	-
St. Louis, Mo.-Ill. (See Missouri)															
Michigan.....	29.8	322.4	603.0	15.3	307.8	(b)	(p)	-	-	6.9	121.5	1.8	81.4	(e)	(r)
Detroit.....	16.6	169.8	316.6	11.5	201.3	-	-	-	-	3.0	51.1	(b)	(r)	(c)	(o)
Grand Rapids.....	(e)	(q)	(r)	(a)	(n)	-	-	-	-	(h)	(o)	-	-	(e)	(r)
Toledo, Ohio-Mich. (See Ohio)															
Wisconsin.....	27.7	344.0	536.8	9.8	185.5	(f)	(s)	(c)	(q)	(a)	(n)	1.9	(q)	(f)	(s)
Milwaukee.....	24.2	303.1	456.6	7.8	139.4	(f)	(s)	(c)	(q)	-	-	(b)	(q)	(f)	(s)
Minnesota.....	27.3	354.1	580.3	10.7	295.2	7.5	128.3	(a)	(p)	(e)	(q)	(f)	(s)	(a)	(n)
Minneapolis-St. Paul.....	23.7	336.6	513.1	8.1	240.6	(f)	(s)	(a)	(p)	(e)	(q)	(f)	(s)	(a)	(n)
Iowa.....	17.9	192.4	340.4	2.3	79.0	(f)	(s)	1.9	28.1	(a)	(o)	(e)	(q)	(c)	(p)
Davenport-Rock Island-Moline, Iowa-Ill. (See Illinois)															
Missouri.....	48.0	485.7	1,002.0	(a)	(m)	(e)	(s)	0.5	5.1	31.6	(u)	11.4	138.4	-	-
Kansas City, Mo.-Kans.....	15.2	140.7	229.0	-	-	(e)	(s)	0.4	4.3	(b)	(o)	(f)	(e)	-	-
St. Louis, Mo.-Ill.....	(h)	(t)	(u)	(a)	(m)	-	-	-	-	(h)	(u)	6.0	99.1	-	-
North Dakota.....	(c)	(p)	(q)	-	-	-	-	-	-	(c)	(q)	-	-	-	-
South Dakota.....	(c)	(q)	(q)	-	-	-	-	-	-	(c)	(q)	-	-	-	-
Nebraska.....	(e)	(r)	(s)	-	-	(e)	(r)	(c)	(p)	-	-	-	-	(e)	(p)
Kansas.....	30.6	302.0	492.7	-	-	-	-	(e)	(p)	27.9	402.0	-	-	(c)	(p)
Kansas City, Mo.-Kans. (See Missouri)															
Wichita.....	28.9	294.4	480.4	-	-	-	-	-	-	(h)	(t)	-	-	(c)	(p)
Delaware.....	(b)	(n)	(o)	-	-	-	-	-	-	-	(o)	-	-	-	-
Wilmington, Del.-N.J.-Md.....	(c)	(p)	(q)	-	-	-	-	-	-	-	(q)	-	-	-	-
Maryland.....	45.0	473.2	766.7	-	-	21.4	407.1	(a)	(o)	14.2	214.9	(f)	(s)	0.4	9.1
Baltimore.....	32.9	318.5	531.9	-	-	13.7	244.7	-	-	(g)	(s)	8.4	124.0	(a)	(n)
Washington, D.C.-Md.-Va. (See District of Columbia)															
Washington, Del.-N.J.-Md. (See Delaware)															
District of Columbia.....	(a)	(o)	(o)	-	(n)	(n)	(n)	-	(r)	-	(p)	-	-	(a)	(o)
Washington, D.C.-Md.-Va.....	8.6	88.9	142.6	(a)	(n)	(c)	(q)	(c)	(r)	(c)	(p)	(b)	(p)	(a)	(o)
Texas.....	32.7	299.6	464.3	(c)	(p)	5.2	108.3	4.5	(r)	-	-	21.4	(t)	(n)	(n)

See footnote at end of table.

TABLE 7. Employees, Value Added, and Value of Shipments and Receipts, by Geographic Areas and Industry Groups—Continued

Geographic area ¹	Employees (1,000)	Value added by manufac- ture (million dollars)	Total value of shipments (million dollars)	Selected machinery		Communication equipment		Electronic components and accessories		Aerospace industries		Shipbuilding and repairing and ordnance		Selected instruments and miscellaneous industries	
				Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)	Employees (1,000)	Value of shipments (million dollars)
West Virginia.....	1.2	6.6	11.3	-	-	-	-	(a)	(n)	(a)	(n)	(b)	(o)	-	-
North Carolina.....	18.3	207.3	330.5	-	(f)	(f)	(s)	2.8	33.7	2.7	40.6	-	-	(e)	(r)
Greensboro-High Point.....	(c)	(q)	(r)	-	(c)	(c)	(q)	-	-	-	-	-	-	(a)	(n)
South Carolina.....	3.0	21.5	34.5	-	-	-	-	(e)	(q)	(a)	(m)	-	-	-	-
Georgia.....	(g)	(s)	(t)	-	-	-	-	-	-	(g)	(t)	(a)	(n)	-	-
Atlanta.....	(g)	(s)	(t)	-	-	-	-	-	-	(g)	(t)	-	-	-	-
Chattanooga, Tenn.-Ga. (See Tennessee)	(g)	(s)	(t)	-	-	-	-	-	-	(g)	(t)	-	-	-	-
Florida.....	31.4	400.7	625.5	(c)	(r)	7.1	129.0	1.1	13.0	13.3	380.2	(e)	(q)	0.5	5.3
Miami.....	(a)	(n)	(o)	-	-	(a)	(n)	-	-	-	-	(a)	(m)	-	-
Kentucky.....	4.8	(q)	(r)	-	-	-	-	(e)	(r)	-	-	(a)	(n)	-	-
Cincinnati, Ohio-Ky.-Ind. (See Ohio)	(c)	(n)	(p)	-	-	-	-	-	-	-	-	(c)	(p)	-	-
Louisville, Ky.-Ind.....	(c)	(n)	(p)	-	-	-	-	-	-	-	-	(c)	(p)	-	-
Tennessee.....	8.5	69.0	119.5	-	-	4.0	53.5	(b)	(n)	2.9	(r)	(c)	(o)	-	-
Chattanooga, Tenn.-Ga.....	(a)	(m)	(m)	-	-	-	-	-	-	(a)	(m)	-	-	-	-
Memphis, Tenn.-Ark.....	(a)	(m)	(m)	-	-	-	-	(b)	(n)	(a)	(m)	-	-	-	-
Nashville.....	3.6	(q)	(r)	-	-	-	-	-	-	(e)	(q)	(b)	(o)	-	-
Alabama.....	17.5	155.9	198.4	(a)	(n)	-	-	(a)	(o)	14.3	155.1	(e)	(q)	-	-
Birmingham.....	(f)	(q)	(r)	-	-	-	-	-	-	(f)	(r)	-	-	-	-
Mississippi.....	6.2	(q)	(r)	(a)	(n)	(b)	(p)	(a)	(n)	(b)	(p)	(e)	(r)	(a)	(m)
Arkansas.....	1.7	(p)	(q)	-	-	-	-	-	-	-	-	-	-	(c)	(q)
Memphis, Tenn.-Ark. (See Tennessee)	(c)	(p)	(q)	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana.....	12.8	129.0	238.1	-	-	-	-	-	-	(e)	(s)	(f)	(s)	-	-
New Orleans.....	10.2	117.0	225.4	-	-	-	-	-	-	(e)	(a)	(f)	(r)	-	-
Oklahoma.....	12.6	138.0	205.4	(a)	(n)	(f)	(s)	-	-	(f)	(r)	-	-	(a)	(n)
Texas.....	54.4	595.4	997.3	(b)	(p)	8.3	(s)	(f)	(s)	32.7	644.1	3.0	(q)	1.1	(p)
Dallas.....	28.4	308.4	504.0	(a)	(m)	(f)	(s)	(f)	(s)	(g)	(t)	-	-	(b)	(o)
Fort Worth.....	(g)	(s)	(t)	-	-	-	-	-	-	(g)	(t)	-	-	-	-
Houston.....	(c)	10.9	19.8	-	-	(a)	(n)	-	-	-	-	(b)	(o)	(a)	(o)
Montana.....	(c)	(q)	(q)	-	-	-	-	-	-	(c)	(q)	-	-	-	-
Idaho.....	(a)	(m)	(n)	-	-	-	-	-	-	(a)	(n)	-	-	-	-
Wyoming.....	(a)	(n)	(o)	-	-	-	-	-	-	(a)	(o)	-	-	-	-
Colorado.....	(g)	(t)	(t)	(a)	(l)	-	-	(a)	(m)	(g)	(t)	-	-	(c)	(q)
Denver.....	(g)	(t)	(t)	(a)	(l)	-	-	-	-	(g)	(t)	-	-	(c)	(q)
New Mexico.....	2.9	(q)	(r)	-	-	(a)	(m)	-	-	-	-	(e)	(q)	(a)	(o)
Arizona.....	21.5	231.3	388.0	(f)	(s)	2.6	(q)	(e)	(r)	5.6	-	-	-	(e)	(r)
Phoenix.....	16.6	185.4	303.2	(f)	(s)	(e)	(q)	(f)	(r)	(c)	(q)	-	-	(c)	(q)
Utah.....	18.0	195.0	379.1	(a)	(n)	(b)	(o)	0.6	9.2	16.4	359.2	-	-	-	-
Washington.....	(i)	(u)	(v)	(b)	(p)	-	-	-	-	(i)	(v)	(e)	(r)	-	-
Seattle-Everett.....	(i)	(u)	(v)	(a)	(o)	-	-	-	-	(i)	(v)	(e)	(r)	-	-
Oregon.....	2.9	27.2	47.6	-	-	-	-	-	-	(b)	(p)	(c)	(q)	-	-
California.....	407.5	4,885.0	8,116.0	12.1	235.6	83.0	1,507.2	27.5	390.2	252.0	5,310.7	26.0	557.3	7.0	115.0
Anaheim-Santa Ana-Garden Grove.....	21.1	238.2	331.6	(b)	(o)	14.5	228.6	(e)	(r)	0.9	(p)	-	-	0.6	10.8
Los Angeles-Long Beach.....	220.5	2,794.2	4,519.2	5.0	121.1	28.0	509.5	8.7	121.6	161.6	3,434.7	13.9	269.6	3.3	62.7
San Diego.....	42.5	477.8	696.7	(e)	(q)	(c)	(p)	(e)	(p)	35.1	565.4	-	-	(q)	(q)
San Francisco-Oakland.....	15.1	177.3	275.3	1.2	19.3	7.0	129.6	(e)	(q)	(h)	(u)	3.7	62.4	(a)	(l)
San Jose.....	46.0	485.5	1,114.3	(e)	(r)	0.7	11.9	8.6	127.0	(b)	(o)	-	-	-	-
Hawaii.....	(b)	(o)	(o)	-	-	-	-	-	-	(b)	(o)	-	-	-	-

Note: See appendix A for description of industry groups.

-Represents zero.

¹See table 6 footnote 1.

Appendixes A Through E

APPENDIX A—INDUSTRY GROUP DESCRIPTIONS AND RANGE SYMBOL DEFINITIONS. This appendix contains the description of groups of 4-digit Standard Industrial Classification (SIC) industries which have been constituted in order to maximize the amount of information which could be presented in this report without disclosing figures for individual companies. In effect, therefore, these descriptions also represent an enumeration of the individual SIC industries covered by the MA-175 survey. Also shown in this appendix is an explanation of the letter symbols used in place of absolute number of employee and dollar-value figures where the latter would constitute a disclosure of company data.

APPENDIX B—MANUFACTURING FACILITIES OWNED BY THE U.S. GOVERNMENT AND OPERATED BY THE DEPARTMENT OF DEFENSE (DOD). Although these establishments may also be engaged in nonmanufacturing activities at the same location, the statistics represent only their activities relating to manufacturing. Data on the production of goods and the performance of services, such as research and development, for these installations are covered in this table. Military personnel are omitted from the employment, payroll, and man-hours data. The cost and billing data for 1963 are based on the Industrial Fund

accounting system of DOD. Data resulting from the conversion and modification of aircraft for the U.S. Air Force are not included while similar services for the Army and Navy are included. This table does not include data on activities which serve primarily or exclusively their own installations (e.g., bakeries and some machine shops).

APPENDIX C—U.S. ATOMIC ENERGY COMMISSION CONTRACTOR EMPLOYMENT, BY STATE: DECEMBER 1963. This table contains data on employment of contractors employing more than five persons, except commercial supply contractors.

APPENDIX D—COSTS INCURRED BY U.S. ATOMIC ENERGY COMMISSION, BY LOCATION: FISCAL YEAR 1963. The table reflects total costs incurred, excluding depreciation on government-owned facilities, for direct and prime contractor activities of the Atomic Energy Commission. Construction covers the acquisition of new plants with related equipment. Operations cover all other costs including equipment not related to construction.

APPENDIX E—REPORTING FORM MA-175 (WITH INSTRUCTIONS).

APPENDIX A. Industry Group Descriptions and Range Symbol Definitions

INDUSTRY GROUP DESCRIPTIONS

Selected Machinery - Steam engines and turbines; construction machinery, machine tools; and computing and related machines (SIC 3511, 3531, 3541, 3542, and 3571).

Communication equipment - Telephone; telegraph and communication equipment (SIC 366).

Electronic components and accessories (SIC 367).

Aerospace industries - Guided missiles, space vehicles (completely assembled), aircraft and parts (SIC 372 and 1925).

Ship building and repairing, and ordnance (except guided missiles and space vehicles) (SIC 3731 and 19, except 1925).

Selected instruments and miscellaneous industries - Instruments--engineering, laboratory, and scientific research, aircraft engine; nuclear radiation detection; optical (including lenses); and photographic equipment and supplies and miscellaneous industries (SIC 3811, 38211, 38216, 3831, and 3861).

RANGE SYMBOL DEFINITIONS

Symbol	Range	Symbol	Range
(a).....	Under 500	(m).....	1 to 1.9 (million)
(b).....	500 to 999	(n).....	2 to 4.9 (million)
(c).....	1 to 1.9 (thousand)	(o).....	5 to 9.9 (million)
(e).....	2 to 4.9 (thousand)	(p).....	10 to 19.9 (million)
(f).....	5 to 9.9 (thousand)	(q).....	20 to 49.9 (million)
(g).....	10 to 19.9 (thousand)	(r).....	50 to 99.9 (million)
(h).....	20 to 49.9 (thousand)	(s).....	100 to 199.9 (million)
(i).....	50 to 99.9 (thousand)	(t).....	200 to 499.9 (million)
(j).....	100 to 199.9 (thousand)	(u).....	500 to 999.9 (million)
(k).....	200 to 499.9 (thousand)	(v).....	1,000 and over (million)
(l).....	500 to 999.9 (thousand)		

APPENDIX B. Department of Defense

Item	All employees (wage board and graded)		Production workers (wage board)			Costs (\$1,000)	
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Materials, supplies, and parts used	Contractual services and other costs
GEOGRAPHIC AREA							
United States, total.....	230,646	1,691,651	155,300	1,284,054	1,096,785	587,976	315,017
New England division.....	26,594	184,642	20,152	36,729	137,484	65,286	38,956
New Hampshire.....	8,825	61,396	6,950	12,628	48,418	21,078	5,519
Massachusetts.....	13,743	94,669	10,472	18,979	71,082	34,816	26,076
Rhode Island.....	3,193	21,921	2,504	4,707	16,405	5,575	7,361
Connecticut.....	833	6,656	226	415	1,579	3,817	-
Middle Atlantic division.....	49,190	353,850	32,068	57,851	219,217	124,306	58,689
New York.....	16,177	115,724	12,345	22,196	90,153	49,674	7,200
New Jersey.....	7,140	56,740	2,874	5,192	18,029	16,931	19,409
Pennsylvania.....	25,873	181,386	16,849	30,463	111,035	57,701	32,080
East North Central division.....	13,633	99,994	9,189	17,307	67,532	51,137	10,661
Indiana.....	5,534	41,556	3,500	6,824	26,417	15,005	3,814
Illinois.....	8,099	58,438	5,689	10,483	41,115	36,132	6,847
West North Central division.....	27	171	15	26	79	5	32
Iowa.....	27	171	15	26	79	5	32
South Atlantic division.....	59,744	439,216	37,958	69,196	263,612	133,082	104,748
Maryland.....	18,726	142,542	7,408	13,156	49,544	52,530	46,788
District of Columbia.....	4,799	40,991	1,218	2,144	7,893	10,775	30,026
Virginia.....	19,113	137,586	15,307	28,067	109,601	39,476	15,075
North Carolina.....	1,734	12,068	1,538	2,837	10,568	2,208	2,278
South Carolina.....	7,167	49,144	5,569	10,113	38,661	14,969	4,009
Georgia.....	939	5,558	687	1,274	3,876	3,507	301
Florida.....	7,266	51,327	6,231	11,600	43,469	9,617	6,271
East South Central division.....	10,999	92,745	3,597	6,503	26,513	19,818	16,548
Kentucky.....	2,624	19,772	1,895	3,436	14,837	9,962	1,782
Alabama.....	8,375	72,973	1,702	3,067	11,676	9,856	14,766
West South Central division.....	3,816	21,601	2,983	5,297	16,082	13,196	3,158
Arkansas.....	1,333	8,003	800	1,352	4,258	5,892	2,170
Oklahoma.....	1,008	5,478	783	1,438	4,122	494	988
Texas.....	1,475	8,120	1,400	2,507	7,702	6,810	-
Mountain division.....	3,877	26,660	2,120	3,851	14,258	20,463	20,029
Colorado.....	849	5,971	583	1,124	4,045	14,544	7,097
New Mexico.....	442	3,990	24	40	158	658	7,678
Utah.....	2,586	16,699	1,513	2,687	10,055	5,261	5,254
Pacific division.....	62,766	472,772	47,218	87,294	352,008	160,683	62,196
Washington.....	10,055	72,879	7,887	14,449	55,401	34,175	6,121
California.....	47,886	363,037	35,440	65,799	267,543	113,737	53,883
Hawaii.....	4,825	36,856	3,891	7,046	29,064	12,771	2,192
SIC CODES AND MAJOR ACTIVITY							
All manufacturing facilities, total.....	230,646	1,691,651	155,300	284,054	1,096,785	587,976	315,017
23 Apparel and related products.....	1,809	8,305	1,689	2,785	7,520	1,404	723
281 Basic chemicals.....	5,836	40,441	2,365	4,038	14,440	21,557	19,968
289 Miscellaneous chemical products.....	2,704	18,531	1,796	3,327	12,158	27,371	3,270
353 Construction and like equipment.....	300	1,867	255	451	1,607	154	200
366 Communication equipment.....	10,697	82,393	4,488	9,706	28,016	31,191	27,787
372 Aircraft and parts.....	34,471	246,883	28,644	53,226	202,616	46,420	45,822
373 Ship and boat building.....	94,687	691,574	76,294	138,616	560,645	253,367	45,337
382 Mechanical measuring devices.....	27	171	15	26	79	5	32
19 Ordnance and accessories.....	66,154	495,656	35,559	64,592	243,587	174,545	121,342
192 Missiles and ammunition, n.e.c.....	36,657	282,829	17,478	32,370	119,702	94,282	68,493
-- Research and development.....	13,961	105,830	4,195	7,287	26,117	31,962	50,536

Note: Includes manufacturing facilities, research and development activities, and manufacturing performed in supply depots. Not comparable to data shown in the 1958 Census publication "Manufacturing Activity in Government Establishments, MC58(S)-1."

- Represents zero.

Source: 1963 Census of Manufactures Special Report MC63(S)-1, Manufacturing Activity in Government Establishments.

Facilities: 1963

Item	Value of shipments or receipts for service by type of activity						Value added by manufacture
	(\$1,000)						
	Manufacture and assembly	Construction and conversion	Research and development	Other receipts	Total billings	Total revenues	(\$1,000)
GEOGRAPHIC AREA							
United States, total.....	433,140	597,321	634,193	877,151	2,541,805	2,641,227	2,053,251
New England division.....	68,665	128,927	37,849	49,088	284,529	292,564	227,278
New Hampshire.....	598	70,895	1,012	7,240	79,745	90,501	69,423
Massachusetts.....	67,039	39,775	13,700	40,372	160,886	155,450	120,634
Rhode Island.....	1,028	18,257	11,568	1,476	32,329	35,044	29,469
Connecticut.....	-	-	11,569	-	11,569	11,569	7,752
Middle Atlantic division.....	119,240	153,105	144,178	144,092	560,615	547,217	422,911
New York.....	27,411	90,410	19,196	41,367	178,384	179,753	130,079
New Jersey.....	33,720	605	42,861	26,432	103,618	93,150	76,219
Pennsylvania.....	58,109	62,090	82,121	76,293	278,613	274,314	216,613
East North Central division.....	103,383	1,167	11,442	45,275	161,267	164,696	113,559
Indiana.....	30,749	-	8,129	18,834	57,712	61,261	46,256
Illinois.....	72,634	1,167	3,313	26,441	103,555	103,435	67,303
West North Central division.....	100	-	-	108	208	208	203
Iowa.....	100	-	-	108	208	208	203
South Atlantic division.....	69,618	28,122	261,648	289,827	649,215	688,420	555,338
Maryland.....	51,418	-	151,237	44,165	246,820	244,157	191,627
District of Columbia.....	-	-	80,628	2,838	83,466	81,918	71,143
Virginia.....	6,804	12,832	21,467	121,455	162,558	195,255	155,779
North Carolina.....	435	-	384	15,226	16,045	17,141	14,933
South Carolina.....	235	15,290	1,971	48,108	65,604	70,619	55,650
Georgia.....	7,184	-	285	429	7,898	9,212	5,705
Florida.....	3,542	-	5,676	57,606	66,824	70,118	60,501
East South Central division.....	19,016	-	36,051	82,616	137,683	129,616	109,798
Kentucky.....	19,016	-	600	11,452	31,068	31,550	21,588
Alabama.....	-	-	35,451	71,164	106,615	98,066	88,210
West South Central division.....	19,192	4,007	68	16,246	39,513	38,248	25,052
Arkansas.....	14,804	-	60	2,759	17,623	16,358	10,466
Oklahoma.....	2,618	-	8	4,334	6,960	6,960	6,466
Texas.....	1,770	4,007	-	9,153	14,930	14,930	8,120
Mountain division.....	22,475	-	22,600	23,316	68,391	67,386	46,923
Colorado.....	20,120	-	-	9,876	29,996	27,740	13,196
New Mexico.....	-	-	12,326	-	12,326	12,326	11,668
Utah.....	2,355	-	10,274	13,440	26,069	27,320	22,059
Pacific division.....	11,451	281,993	120,357	226,583	640,384	712,872	552,189
Washington.....	2,867	77,331	2,526	21,852	104,576	117,044	82,869
California.....	8,548	199,976	117,831	168,429	494,784	543,037	429,300
Hawaii.....	36	4,686	-	36,302	41,024	52,791	40,020
SIC CODES AND MAJOR ACTIVITY							
All manufacturing facilities, total	433,140	597,321	634,193	877,151	2,541,805	2,641,227	2,053,251
23 Apparel and related products.....	10,908	-	-	109	11,017	10,624	9,220
281 Basic chemicals.....	34,956	-	26,927	21,042	82,925	80,835	59,278
289 Miscellaneous chemical products.....	37,570	-	4,266	6,408	48,244	49,831	22,460
353 Construction and like equipment.....	-	-	-	2,221	2,221	2,221	2,067
366 Communication equipment.....	40,587	605	78,111	34,070	153,373	142,905	111,714
372 Aircraft and parts.....	12,985	64,540	62,948	185,520	325,993	342,270	295,850
373 Ship and boat building.....	7,318	525,451	18,019	352,900	903,688	1,021,847	768,480
382 Mechanical measuring devices.....	100	-	-	108	208	208	203
19 Ordnance and accessories.....	288,716	6,725	260,533	264,555	820,529	798,043	623,498
192 Missiles and ammunition, n.e.c.....	94,145	4,007	184,910	164,136	447,198	447,063	352,781
-- Research and development.....	-	-	183,389	10,218	193,607	192,443	160,481

APPENDIX C. U.S. Atomic Energy Commission Contractor Employment, by State: December 1963

State	Total	Operations	Construction
United States, total.....	126,002	115,194	10,808
Alabama.....	19	19	-
California.....	18,318	17,001	1,317
Colorado.....	3,466	3,360	106
Connecticut.....	2,241	2,216	25
Delaware.....	156	71	85
District of Columbia.....	10	-	10
Florida.....	1,542	1,531	11
Hawaii.....	1,017	642	375
Idaho.....	4,010	3,259	751
Illinois.....	5,684	5,218	466
Indiana.....	189	189	-
Iowa.....	1,924	1,886	38
Kentucky.....	1,211	1,199	12
Maryland.....	242	242	-
Massachusetts.....	1,608	1,605	3
Michigan.....	74	67	7
Minnesota.....	85	85	-
Mississippi.....	50	29	21
Missouri.....	8,841	8,724	117
Nebraska.....	7	5	2
Nevada.....	7,822	4,540	3,282
New Jersey.....	832	713	119
New Mexico.....	15,705	15,169	536
New York.....	6,736	6,501	235
North Carolina.....	35	35	-
Ohio.....	5,899	5,755	144
Oklahoma.....	38	-	38
Pennsylvania.....	4,661	4,629	32
South Carolina.....	7,086	6,320	766
Tennessee.....	14,906	13,794	1,112
Texas.....	1,788	1,765	23
Utah.....	77	-	77
Virginia.....	158	115	43
Washington.....	9,336	8,258	1,078
Wisconsin.....	229	175	54

Note: Employment covers all prime and subcontractors employing more than five persons except commercial supply contractors. Not included in the totals are the following.

	Total	Operations	Construction
Japan.....	864	864	-
Puerto Rico	371	299	72

- Represents zero.

Source: U.S. Atomic Energy Commission, Division of Labor Relations - AEC No. 251.

APPENDIX D. Costs Incurred by U.S. Atomic Energy Commission, by Location: Fiscal Year 1963

(Thousands of dollars)

State	Total	Operations	Construction
United States, total.....	2,583,244	2,185,681	397,563
Alabama.....	256	256	-
Alaska.....	282	282	-
Arizona.....	1,287	1,287	-
Arkansas.....	307	307	-
California.....	329,692	277,381	52,311
Colorado.....	77,645	71,623	6,022
Connecticut.....	46,929	43,236	3,693
Delaware.....	171	92	79
District of Columbia.....	14,860	14,730	130
Florida.....	19,462	18,429	1,033
Georgia.....	889	882	7
Hawaii.....	1,364	1,363	1
Idaho.....	72,647	36,724	35,923
Illinois.....	103,643	70,600	33,043
Indiana.....	8,906	7,422	1,484
Iowa.....	17,649	15,464	2,185
Kansas.....	548	548	-
Kentucky.....	84,128	81,727	2,401
Louisiana.....	247	247	-
Maine.....	254	254	-
Maryland.....	34,923	34,236	687
Massachusetts.....	34,881	30,098	4,783
Michigan.....	4,431	4,299	132
Minnesota.....	2,286	1,677	609
Mississippi.....	8,925	8,925	-
Missouri.....	101,181	93,544	7,637
Montana.....	14	14	-
Nebraska.....	2,308	115	2,193
Nevada.....	132,103	110,924	21,179
New Hampshire.....	198	198	-
New Jersey.....	17,261	14,093	3,168
New Mexico.....	413,115	373,917	39,198
New York.....	127,031	99,726	27,305
North Carolina.....	1,210	1,163	47
North Dakota.....	27	27	-
Ohio.....	142,931	134,151	8,780
Oklahoma.....	463	463	-
Oregon.....	1,468	1,468	-
Pennsylvania.....	70,863	64,657	6,206
Rhode Island.....	539	539	-
South Carolina.....	109,653	92,729	16,924
South Dakota.....	5,604	5,604	-
Tennessee.....	263,683	210,954	52,729
Texas.....	24,868	23,175	1,693
Utah.....	50,085	50,049	36
Vermont.....	26	26	-
Virginia.....	11,428	10,359	1,069
Washington.....	189,602	126,147	63,455
West Virginia.....	281	281	-
Wisconsin.....	6,159	4,738	1,421
Wyoming.....	44,531	44,531	-

Note: Allocations of costs are made in accordance with the physical location of contractors and AEC offices but do not necessarily represent funds spent in those locations. (See text.) Includes equipment but excludes depreciation. Not included in the totals are the following:

	Total	Operations	Construction
Puerto Rico.....	4,836	1,587	3,249
Foreign countries....	242,247	242,146	101

- Represents zero.

Source: U.S. Atomic Energy Commission - 1963 Financial Report.

APPENDIX E. Reporting Form MA-175 (with instructions)

DUE DATE: 60 DAYS FOLLOWING RECEIPT OF FORM

Budget Bureau No. 41-6423; Approval Expires December 31, 1964

FORM MA-175 (6-29-64) U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS REPORT ON SHIPMENTS TO OR RECEIPTS FOR WORK DONE FOR FEDERAL GOVERNMENT AGENCIES AND THEIR CONTRACTORS AND SUPPLIERS IN 1963 (Based on the Total Shipment Figures from the Annual Survey of Manufactures, Census Form MA-100)		CONFIDENTIAL —Response to this inquiry is required by Act of Congress (13 U.S.C.). The report you submit to the Census Bureau is confidential and may be seen only by sworn Census employees. It may not be used for purposes of taxation, investigation, or regulation. Copies retained in your files are also immune from legal process.	
TO: Bureau of the Census, Industry Division Washington, D.C. 20233		ITEM 1 —In correspondence about the report for this establishment, please refer to your 11-digit file number below.	
(PLEASE RETURN THIS COPY)			
ITEM 2 Please check the box which describes the 1963 receipts for shipments or other work done in this plant for Federal Government agencies and their contractors and suppliers: <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <input type="checkbox"/> None </div> <div style="text-align: center;"> <input type="checkbox"/> Up to \$100,000 </div> <div style="text-align: center;"> <input type="checkbox"/> \$100,000 or more </div> </div> <p>For purposes of this report, such receipts will include payments received by you for work done by you on Federal Government prime contracts as well as the value of materials, components, subassemblies, and services supplied by you to Federal Government contractors and suppliers for use in their performance of Federal Government contracts.</p> <p>If your response to this question was "\$100,000 or more," please complete the form on the reverse side. Otherwise, sign the form in the space provided below and return it.</p>			
INTRODUCTORY NOTE			
<p>The Census Bureau is conducting this survey to develop a measure of the level of industrial activity generated by the expenditures made by Federal Government agencies. Special attention is directed toward expenditures made by the Department of Defense (DOD), the National Aeronautics and Space Administration (NASA), and the Atomic Energy Commission (AEC).</p> <p>Industrial activity generated by Federal Government expenditures is being measured in terms of receipts (including value of shipments) for work done, or for value of products shipped to Federal agencies, their contractors, subcontractors and suppliers. For each plant covered by the report such receipts will consist of two kinds of payments. The first is payments received for work done directly for Federal agencies on Government prime contracts. The second is payments received for work done for other Government contractors and suppliers for use in the performance of Federal Government contracts. Subcontract receipts reported will normally be based on payments made for work done on Government subcontracts when subject to the Renegotiation Act of 1951, as amended. These receipts should include the value of materials, components, subassemblies, and services supplied to other plants of the company (interplant transfers) as well as to contractors and suppliers outside the company for use in the performance of contracts. This is in accord with standard Census reporting procedures.</p> <p>This survey is being conducted on an establishment or plant basis. This method of reporting is necessary so that the data reported by each plant may be tabulated by the geographic area in which the work is actually being performed. Additionally, it will permit the data to be classified by appropriate product class and Standard Industrial Classification.</p>		<p>formance of Federal Government contracts. Subcontract receipts reported will normally be based on payments made for work done on Government subcontracts when subject to the Renegotiation Act of 1951, as amended. These receipts should include the value of materials, components, subassemblies, and services supplied to other plants of the company (interplant transfers) as well as to contractors and suppliers outside the company for use in the performance of contracts. This is in accord with standard Census reporting procedures.</p> <p>This survey is being conducted on an establishment or plant basis. This method of reporting is necessary so that the data reported by each plant may be tabulated by the geographic area in which the work is actually being performed. Additionally, it will permit the data to be classified by appropriate product class and Standard Industrial Classification.</p>	
SPECIFIC INSTRUCTIONS			
<p>Except as may be specifically requested, a report should be submitted for each establishment for which you received a preaddressed form. If additional forms are needed, please write to us specifying the address of the establishment for which a blank form is required. If you have any questions about the survey, write to the Bureau of the Census, Washington, D.C., 20233, referring to form MA-175 and to the file number in the upper right-hand corner of the address box. The basic concepts used in this survey (establishment, shipments, receipts, materials consumed, employment, etc.) are the same as those used in the Annual Survey of Manufactures (Form MA-100), and related figures reported on each form should agree.</p> <p>Columns (1), (2), and (3)—These entries—lines a through l—should correspond with those entered in item 9 and item 9A for the Product Class Description, the Product Class Code, and the 1963 data column from the related Census form MA-100 for 1963.</p> <p>The three lines "i," "j," and "k" that follow specific product class entries, are in the same position in which they appear on form MA-100. Only "i" is expected to be of particular importance on form MA-175; "i" is an item primarily of interest to manufacturing industries not covered by form MA-175, such as textiles and apparel, coating and engraving, etc.; "k" is used by manufacturers to list the shipments of products they buy and ship without any manufacturing or assembling, usually to round out a product line. Line "j" on the other hand, can be very important in this survey. Receipts for research and development that have not been separately identified on form MA-100 should be reported here. (Note that research and development receipts for certain aerospace activities are to be supplied in lines "a" — "h" in the appropriate class of product (37216, 37223, 37226, 37293, 37294, 19253).) Line "i" would also be used for reporting receipts for installation or testing. Installation or testing costs of more than \$1 million done at other locations should not be reported on the form for the manufacturing plant. Instead, a separate MA-175 form should be filed for each such installation or test site. If you have such cases, it would be desirable to write to the Census Bureau describing the situation before completing the MA-175 forms.</p>		<p>Columns (4) through (7)—Data reported should represent the total value of shipments, billings, or receipts (in \$000) from Federal Government agencies during 1963. For long lead time production or research, development, testing, and evaluation programs, the value of work done during the year is reported on the Annual Survey of Manufactures and on this report. Such a figure is represented by net billings, or payments received by you (including progress payments), for work done during the year. This method of estimating shipments to the Government has frequent application to work done on aircraft, ships, missiles, space vehicles, and the like, as well as work done on related systems.</p> <p>Columns (8) through (13)—Data reported should represent the value of receipts (in \$000) for work done by you for Government prime contractors and subcontractors for use in the performance of Government contracts. It is recognized that indirect Government work is not always identified as such. In view of this, it will be acceptable to use as a base receipts on Government subcontracts subject to the Renegotiation Act of 1951, as amended. Note particularly that the value of transfers to other plants of the company as well as receipts from contractors outside the company are to be included.</p> <p>Columns (8) through (11)—Data entered should represent the value of receipts (in \$000) for work done by you on subcontracts of DOD, NASA, AEC, and other Government agencies when the Government agency placing the prime contract is known to you.</p> <p>Columns (12) or (13)—Receipts for work done by you on Government subcontracts, for which Government agency the prime contract is not specifically known to you should be entered. If you know that the subcontract work is for DOD, NASA, or AEC, but you cannot specifically determine which, enter the value of receipts (in \$000) in column (12). If the subcontract work is for another Government agency, or for a Government agency unknown to you, enter the value of receipts (in \$000) in column (13).</p> <p>Column (14)—Data reported should represent the difference between the total values of shipments and/or receipts, column (3), and the sum of entries in columns (4) through (13).</p>	
Name of person to contact regarding this report		Address (Number and street, city, State, ZIP code)	
		Telephone No.	
CERTIFICATION —This report is substantially accurate and has been prepared in accordance with instructions.			
Name of company		Address (Number and street, city, State, ZIP code)	
Signature of authorized official		Title	Date

REPORT ON SHIPMENTS TO OR RECEIPTS FOR WORK DONE FOR FEDERAL GOVERNMENT AGENCIES AND THEIR CONTRACTORS AND SUPPLIERS IN 1963														
ITEM 3		Total employment of this establishment, average for the year 1963 (Same as item 2h, 1963 column, Census form MA-100)		Total employees		b. Total materials, fuels consumed, etc., in 1963 by this establishment for all purposes (Same as item 3f, 1963 column, Census form MA-100)		Thousands of dollars		c. Name of establishment (Enter from address box on front of form)		d. 11-digit file No.		
ITEM 4 - VALUE OF SHIPMENTS AND OTHER RECEIPTS OF THIS ESTABLISHMENT IN 1963 (Report values in thousands of dollars)														
Product classes of this establishment (Describe)		Product class code	Total value of shipments and/or receipts	Shipments to or receipts for work done for Federal Government agencies and their contractors and suppliers in 1963								Other shipments (Column 3 minus column 4 through column 13) (14)		
				Direct on prime contracts				Indirect on subcontracts						
				Government agency specifically known				Government agency not specifically known						
				DOD	NASA	AEC	Other Federal agencies	DOD	NASA	AEC	Other	Either DOD, NASA, or AEC	Other	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
a.														
b.														
c.														
d.														
e.														
f.														
g.														
h.														
i. Receipts for work or services performed by you for others on their materials (Describe)														
j. Other receipts - Particularly R and D not identified as to specific product class, and receipts for installation or testing (See instructions)			93000											
k. Shipments of products bought and resold without further manufacture, processing, or assembly			99980											
l. TOTAL (Same as item 9, line 1, 1963 column, Census form MA-100)			99989											
			77000											

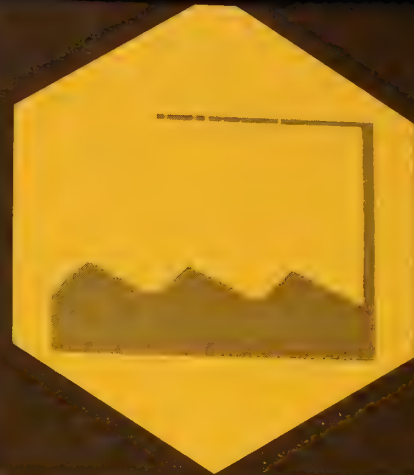
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Industry Descriptions

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS



**PUBLICATION PROGRAM:
1963 CENSUS OF MANUFACTURES**

Industry Series (80 reports, Series MC63(2)—19A to 39D). Each report provides information for a group of related industries (e.g., dairy products). Final figures are provided for each of the 430 manufacturing industries on quantity and value of products shipped and materials consumed, cost of fuels and electric energy, capital expenditures, inventories, employment, payrolls, man-hours, value added by manufacturing, horsepower of equipment, number of establishments and number of companies. Comparable statistics for earlier years are provided where available.

For each industry, data on value of shipments, value added by manufacturing, capital expenditures, employment, and payrolls are shown by (a) geographic area, (b) employment-size class of establishments, and (c) degree of primary product class specialization. These reports will subsequently be assembled into Volume II, Industry Statistics.

Area Series (51 reports, Series MC63(3)—1 to 51). A separate report for each State and the District of Columbia presents data, for industries and industry groups, on value of shipments, value added by manufacturing, employment, payrolls, man-hours, new capital expenditures, inventories, and number of manufacturing establishments. Comparable statistics for earlier years are also provided. Similar totals for all manufacturing industries are shown for counties, standard metropolitan statistical areas, and cities with 10,000 or more inhabitants. For the important standard metropolitan statistical areas and larger counties, these data are shown by industry groups. The number of establishments in each major industry group is presented by size of establishment within county. These reports will subsequently be assembled into Volume III, Area Statistics. This volume will also include chapters for geographic divisions.

Subject Series (about 12 reports, Series MC63(1)—1 to 12). Each report contains detailed final statistics for an individual subject such as size of establishments, inventories, capital expenditures, fuels, and electric energy. These reports will subsequently be assembled into Volume I, Summary Statistics.

After separate final reports have been issued, they will be assembled and bound as follows:

Volume I, Summary Statistics
Volume II, Industry Statistics
Part 1, Major Groups 20—28
Part 2, Major Groups 29—39
Volume III, Area Statistics

Special Reports, Series MC63(S). In addition to the reports described above, a series of special reports will be issued. Subjects will include the number of manufacturing plants in each county (by 4-digit industry and employment size) and for each 4-digit industry (by county and employment size); indexes of physical volume of production; and other subjects to be announced later.

Suggested Citation

U.S. Bureau of the Census, Census of Manufactures, 1963

Industry Descriptions MC63(S)—6

(Reprint of Appendix B in volumes I and III
of the 1963 Census of Manufactures)

U.S. Government Printing Office, Washington, D.C., 1967

(Issued August 1967)

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, or any Department of Commerce field office. Price 25 cents.



U.S. DEPARTMENT OF COMMERCE

Alexander B. Trowbridge, Secretary

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BUREAU OF THE CENSUS

A. Ross Eckler, Director

Robert F. Drury, Deputy Director

Maxwell R. Conklin, Acting Assistant Director for Economic Fields

INDUSTRY DIVISION

Owen C. Gretton, Acting Chief

ACKNOWLEDGMENTS—This report was prepared in the Industry Division under the direction of **Elmer S. Biles** and **Edward A. Robinson**. In particular, they were responsible for planning the content of the tables and text and for developing the criteria for reviewing the data. Professional personnel of the commodity areas of the Division were responsible for final determination of completeness and accuracy of the data.

Owen C. Gretton, as Assistant Division Chief, gave general guidance and coordination to all aspects of the Census of Manufactures. **William Cooper** exercised staff responsibility for industry classification and for the system of classifying products and materials. Staff assistance was also provided by **Jack L. Ogus**, Assistant Division Chief, Research and Methodology. **Donald F. Clark**, **William R. Gray**, **Robert Torene**, and **Angela R. Daly** also participated importantly in various phases of the project.

Systems and procedures were developed in the former Economic Operations Division, **M. D. Bingham**, Chief, and in the present Systems Division, **Sol Dolleck**, Chief. Staff assistants for systems and procedures were **Samuel Schweid**, **Nathan Lesowitz**, and **Jack Margolis**. **Mary H. Johnson** and **Roger O. Lepage**, assisted by **Paul E. Poissant**, developed and supervised the computer programming under the direction of **Eugene L. Wendt**. Clerical procedures were developed by **William W. Perry** under the supervision of **Carl Mueller**. Quality control plans and procedures were developed by **George Minton**, **Maxwell D. Jeane**, **James Spallone**, and **John F. Powell** under the direction of **Herman H. Fasteau**.

Data processing and related operations were performed in the Data Processing Division, **M. D. Fahey**, Chief, and **R. M. Micoly**, Assistant Chief.

Arthur Horowitz, in his capacity as Census of Manufactures Coordinator, made important contributions to the planning and operational phases of the work.

Industry Descriptions: 1963 Census of Manufactures

This booklet is a reprint of descriptions of industries for which data were compiled and published in the 1963 Census of Manufactures. The material contained herein appeared originally as appendix B to the volumes of that census.

Appendix B

INDUSTRY DESCRIPTIONS

This appendix contains descriptions of industries for which data were compiled and published in the 1963 Census of Manufactures. It also presents industry specialization and coverage ratios for 1963.

As published for 1963 and as presented in this appendix, the industry codes and descriptions are in accordance with the manufacturing division of the **Standard Industrial Classification Manual (SIC)**, 1957 revised edition and amendments thereto, published by the Bureau of the Budget. The industry titles are those published in the SIC Manual; the descriptions are, likewise, generally as published in that manual but, for some industries, are expanded to include references to additional products primary to the industry or to related products classified in other industries. The descriptions also include remarks concerning changes in industry classification between the 1958 and 1963 censuses. (It should be noted that industry 3717, Motor Vehicles and Parts, is a Census industry combining three SIC industries: 3711, Motor Vehicles; 3712, Passenger Car Bodies; and 3714, Motor Vehicle Parts and Accessories.)

Industry classification of establishments, employed by the Bureau of the Census in the census of manufactures, as in other surveys, is in accordance with SIC principles. Thus, an establishment is classified into an industry on the basis of its primary activity, typically the value of products shipped. (A fuller treatment of the basis of industry classification of establishments will be found in the Introduction to

this volume.) For industries, two measures have been developed which gage the homogeneity of the industrial classification: the primary product specialization ratio and the coverage ratio. To the right of each 4-digit industry title will be found the specialization ratio ("S") and the coverage ratio ("C") for 1963. These figures for 1963, as well as for 1958, may also be found in the general summary table 3 in this volume and in table 5A of the separate industry chapters in Volume II, "Industry Statistics," of the 1963 Census of Manufactures.

While establishments may manufacture and ship only products primary to the industry in which such establishments are classified, it is frequently the case that they also ship products secondary to that industry, that is, primary to other manufacturing industries. The **primary product specialization ratio** measures, within and for an industry, the proportion of the total value of products shipped, both primary and secondary, represented by primary products. (Dollar receipts for general contract work performed for others and miscellaneous receipts, such as for the sale of scrap, for nonmanufacturing type of repair work, merchandising of goods not processed in the industry, etc., are not considered in computing the specialization ratio.)

The **coverage ratio**, measured in terms of the value of shipments of primary products of an industry by all manufacturing industries, indicates the proportion shipped by the primary industry. In brief, to what extent the primary products of an industry are shipped by the industry in which such products are primary.

In general, the SIC standards require that a 4-digit industry have a minimum primary product specialization ratio of .80 and a coverage ratio of .70. Because of the diversity of

manufactures, relatively few industries will show either specialization or coverage ratios of 1.00 (or 100, expressed in percentage terms). With respect to coverage, the structure of the classification will, in some situations, materially reduce the ratio. Within the classification, distinctions among industries are sometimes based on process or degree of integration. For example, industry 3316, Cold Rolled Sheet, Strip, and Bars, turns out products similar to some produced in industry 3312, Blast Furnaces, Steel Works and Rolling Mills. The difference in process is reflected in the situation that establishments classified in industry 3316 work from **purchased** materials (hot rolled sheet, hot rolled steel bars), whereas those in industry 3312, primarily steel works, typically work from materials **produced at the same facility**. Thus, the low coverage ratio (20 percent) shown for industry 3316 indicates chiefly those establishments which do not produce their own materials. Were the coverage ratio for industry 3316 based on shipments of primary products produced solely from purchased materials, that ratio would probably be close to 100 percent.

The few industries for which specialization and coverage ratios are not shown are generally those in which the figures, if published, would disclose data for individual companies, or the receipts were primarily from services rendered (contract work performed for others on their materials) but not distinguished by type of service. In addition, these ratios are not shown for industries having significant duplication of

shipments within the industry except where such duplication could be approximated and eliminated from the calculation.

Major Group (2-digit) and Group (3-digit) specialization and coverage ratios were not developed for the 1963 Census. However, the computation of such ratios at these broader classification levels would involve procedures similar to those used in computing ratios at the 4-digit industry level. That is, at the 3-digit level the specialization ratio would be developed by considering as the "industry" all establishments whose 4-digit classification showed them to be in the same 3-digit Group. For this "industry" primary products would be those shipped by and classified as primary to that 3-digit Group; secondary products would be those shipped by the group but classified in other 3-digit manufacturing groups. Similarly, for the 2-digit Major Groups, the specialization ratio would be developed by considering as the "industry" those establishments classified in the same Major Group. Primary products of the Major Group would be those classified in the Major Group, and classified as secondary those shipped by the Major Group but classified in other manufacturing Major Groups.

See also the footnotes at the end of the appendix, describing special situations for specialization or coverage ratios for 4-digit industries for 1963.

SIC code	Industry title and description (S = Specialization ratio - C = Coverage ratio)		
20	FOOD AND KINDRED PRODUCTS	2023	Condensed and Evaporated Milk (S-80; C-66).—Establishments primarily engaged in manufacturing condensed and evaporated milk and related products, including ice cream mix and ice milk mix made for sale as such.
	This major group includes establishments manufacturing foods and beverages for human consumption, and certain related products, such as manufactured ice, chewing gum, vegetable and animal fats and oils, and prepared feeds for animals and fowls.	2024	Ice Cream and Frozen Deserts (S-93; C-74).—Establishments primarily engaged in manufacturing ice cream and other frozen desserts.
201	MEAT PRODUCTS:	2026	Fluid Milk (S-90; C-95).—Establishments primarily engaged in processing (pasteurizing, homogenizing, vitaminizing, bottling) and distributing fluid milk and cream and related products.
2011	Meat Packing Plants (S-98; C-86).—Establishments primarily engaged in the slaughtering, for their own account or on a contract basis for the trade, of cattle, hogs, sheep, lambs, calves, horses, and other animals except small game, for meat to be sold or to be used on the same premises in canning and curing, and in making sausage, lard, and other products. Establishments primarily engaged in manufacturing sausages and meat specialties from purchased meats are classified in industry 2013, and establishments primarily engaged in killing, dressing, packing, and canning poultry, rabbits, and other small game in industry 2015.	203	CANNING AND PRESERVING FRUITS, VEGETABLES, AND SEAFOODS:
	Some slaughtering operations are conducted in establishments which are not included in the census of manufactures, such as those chiefly engaged in wholesale or retail trade, locker plant services, etc. A check of the 1958 Census of Manufactures records with those of the U.S. Department of Agriculture indicated that the census of manufactures included about 90 percent of the volume of commercial livestock slaughter. A similar comparison of the 1963 census slaughter statistics with those of the U.S.D.A. indicates that coverage of commercial slaughter is at about the same level.	2031	Canned and Cured Seafoods (S-92; C-95).—Establishments primarily engaged in cooking and canning fish, shrimps, oysters, clams, crabs, and other seafoods, and those engaged in smoking, salting, drying, or otherwise curing fish for the trade. Establishments primarily engaged in shucking and packing fresh oysters in nonsealed containers or freezing and packaging fresh fish are classified in industry 2036.
2013	Sausages and Other Prepared Meat Products (S-94; C-38).—Establishments primarily engaged in manufacturing sausages, cured meats, smoked meats, canned meats, frozen meats, other prepared meats, and meat specialties from purchased carcasses and other materials. Sausage kitchens and other prepared meat plants operated by packing houses as separate establishments also are included in this industry. Establishments primarily engaged in killing, dressing, and packing poultry, rabbits, and other small game, and those canning poultry are classified in industry 2015. Establishments primarily engaged in the cutting up and resale of purchased fresh carcasses are classified in trade industries.	2032	Canned Specialties (S-80; C-91).—Establishments primarily engaged in canning specialty products, such as baby foods, "native foods," health foods, and soups, except seafood. Establishments primarily engaged in canning seafood soup are classified in industry 2031 and those primarily engaged in quick freezing canned specialties in industry 2037.
	Prepared meats manufactured in retail and independent wholesale establishments are not included in the census of manufactures.	2033	Canned Fruits, Vegetables, Preserves, Jams, and Jellies (S-89; C-91).—Establishments primarily engaged in canning fruits and vegetables and fruit and vegetable juices, and in manufacturing catsup and similar tomato sauces, preserves, jams, and jellies. Establishments primarily engaged in canning seafood soups are classified in industry 2031, and soups, except seafood, and baby foods in industry 2032.
2015	Poultry and Small Game Dressing and Packing, Wholesale (S-98; C-98).—Establishments primarily engaged in killing, dressing, packing, and canning poultry, rabbits, and other small game for their own account or on a contract basis for the trade. This industry also includes the drying, freezing, and breaking of eggs, but not the cleaning, oil treating, packing and grading of eggs which are classified in wholesale trade.	2034	Dried and Dehydrated Fruits and Vegetables (S-96; C-89).—Establishments primarily engaged in sun-drying or artificially dehydrating fruits, vegetables, and nuts, or in manufacturing packaged soup mixes from dehydrated ingredients. Establishments primarily engaged in the grading and marketing of farm dried fruits, such as prunes and raisins, are classified in trade industries.
	Poultry and small game killed and dressed at farms, hatcheries, frozen food lockers, and wholesale and retail establishments are not included in manufacturing.	2035	Pickled Fruits and Vegetables, Vegetable Sauces and Seasonings, Salad Dressings (S-79; C-82).—Establishments primarily engaged in pickling and brining fruits and vegetables and in manufacturing salad dressings, vegetable relishes, sauces, and seasonings. Establishments primarily engaged in manufacturing catsup and similar tomato sauces are classified in industry 2033 and those packing purchased pickles and olives, in trade industries.
202	DAIRY PRODUCTS:	2036	Fresh or Frozen Packaged Fish (S-95; C-94).—Establishments primarily engaged in preparing fresh and raw or cooked frozen packaged fish and other seafood. This industry also includes establishments primarily engaged in the shucking and packing of fresh oysters in nonsealed containers.
2021	Creamery Butter (S-69; C-77).—Establishments primarily engaged in manufacturing creamery butter.	2037	Frozen Fruits, Fruit Juices, Vegetables, and Specialties (S-89; C-89).—Establishments primarily engaged in quick freezing and cold packing (freezing) fruits, fruit juices, vegetables, and specialties. Excluded from this industry are establishments primarily engaged in packing fruits and vegetables for freezing but not freezing the product, cold storage warehouses freezing foods for others, frozen food locker and other establishments freezing for individual consumers or farms and ranches producing frozen fruits and vegetables. Establishments primarily freezing meats and poultry are included in Industry Group 201, Meat Products.
	This industry combines two industries that were separate under the previous classification system: Industry 2022, Natural Cheese, and industry 2025, Special Dairy Products.	204	GRAIN MILL PRODUCTS: Establishments in this group of industries frequently supplement their manufacturing activities with sales of grain and of commodities produced elsewhere. Such establishments were classified in manufacturing it at least 25
2022	Cheese, Natural and Processed (S-93; C-96).—Establishments primarily engaged in the manufacture of natural cheese (except cottage cheese), process cheese, cheese foods, and cheese spreads. Establishments primarily engaged in manufacturing cottage cheese are classified in industry 2026.		

- percent of their total receipts were from manufacturing activities, except for industry 2042, Prepared Feeds for Animals and Fowls, where it was required that receipts from manufacturing exceed receipts from merchandising. Most establishments which mixed some feed but did not meet these criteria were included in the 1963 Census of Business, except for some whose principal activity (e.g. custom milling) fell outside the scope of any of the 1963 economic censuses.
- 2041 Flour and Other Grain Mill Products (S-94; C-78).—This industry comprises establishments primarily engaged in milling flour or meal from grain, except rice (industry 2044). The products of flour mills may be sold plain or in the form of prepared mixes for specific purposes. Establishments primarily engaged in manufacturing prepared flour mixes from purchased ingredients are classified in industry 2045.
- 2042 Prepared Feeds for Animals and Fowls (S-96; C-93).—This industry comprises establishments primarily engaged in manufacturing prepared feeds for animals and fowls. Prepared feeds include poultry feed, livestock feed, dog food and other pet foods (canned, frozen, and dry). This industry also includes establishments primarily engaged in manufacturing certain feed ingredients and adjuncts, such as alfalfa meal, feed supplements, and feed concentrates. Mills primarily engaged in custom grinding of feeds or other agricultural services are excluded from the census of manufactures.
- Substantial quantities of prepared feeds are mixed at locations which are not included in the census of manufactures, such as grain elevators, custom or grist mills, farm supply stores, chick hatcheries, commercial broiler raising establishments, and cattle-feeding operations.
- 2043 Cereal Preparations (S-80; C-86).—This industry comprises establishments primarily engaged in manufacturing cereal breakfast foods and related preparations. Establishments primarily engaged in manufacturing corn and hominy grits for human consumption are classified in industry 2041.
- 2044 Rice Milling (S-100; C-100).—This industry comprises establishments primarily engaged in cleaning and polishing rice and in manufacturing rice flour or meal. Important products of this industry include brown rice, milled rice (including polished rice), rice polish, rice bran, and rice flour.
- 2045 Blended and Prepared Flour (S-78; C-62).—This industry comprises establishments primarily engaged in the preparation of blended flours and flour mixes from purchased flour (including flour transferred from flour mills owned by the same company). Important products of this industry include phosphated and self-rising flour and prepared flour mixes, such as biscuit, cake, doughnut, and pancake mixes. Establishments making the same products from flour milled at the same location are classified in industry 2041. Prior to 1963, refrigerated doughs were not specifically listed on the report forms. The products usually were classified in either industry 2037 or industry 2099, depending upon the description of the refrigerated dough furnished by respondent.
- 2046 Wet Corn Milling (S-83; C-93).—This industry comprises establishments primarily engaged in milling corn or sorghum grain (milo) by the wet process and producing starch, sirup, oil, sugar, and byproducts, such as gluten feed and meal. Establishments primarily engaged in manufacturing starch from other vegetable sources (potato, wheat, etc.) are also included. Establishments primarily engaged in manufacturing table sirups from corn sirup and other ingredients and those manufacturing starchbase dessert powders are classified in industry 2099; those primarily engaged in manufacturing corn meal and grits are classified in industry 2041. Establishments primarily engaged in manufacturing laundry starches are classified in industry 2842.
- 205 BAKERY PRODUCTS:
- 2051 Bread and Other Bakery Products, Except Biscuit, Crackers, and Pretzels (S-98; C-99).—Establishments primarily engaged in manufacturing bread, cakes, and other "perishable" bakery products. Establishments primarily engaged in producing "dry" bakery products, such as biscuit, crackers, and pretzels are classified in industry 2052. Establishments producing bakery products primarily for direct sale on the premises to household consumers are classified in retail trade, industry 5462. Establishments manufacturing bakery products for sale primarily for home service delivery or through one or more nonbaking retail outlets are included in industry 2051.
- 2052 Biscuit, Crackers, and Pretzels (S-97; C-95).—Establishments primarily engaged in manufacturing biscuit (except raised biscuit), crackers, and similar "dry" bakery products. Establishments primarily engaged in producing "perishable" bakery products are classified in industry 2051.
- 206 SUGAR:
- 2061 Cane Sugar, Except Refining Only (S-99; C-100).—Establishments primarily engaged in manufacturing raw sugar, sirup, or finished (granulated or clarified) cane sugar from sugar cane. Establishments primarily engaged in refining sugar from purchased raw cane sirup or sugar sirups are classified in industry 2062.
- 2062 Cane Sugar Refining (S-100; C-100).—Establishments primarily engaged in refining purchased raw cane sugar and sugar sirup.
- 2063 Beet Sugar (S-100; C-100).—Establishments primarily engaged in manufacturing sugar from sugar beets.
- 207 CONFECTIONERY AND RELATED PRODUCTS:
- 2071 Candy and Other Confectionery Products (S-95; C-95).—Establishments primarily engaged in manufacturing candy, including chocolate candy, salted nuts, other confections and related products. Establishments primarily engaged in manufacturing solid chocolate bars are classified in industry 2072 and chewing gum in industry 2073. Establishments primarily engaged in manufacturing confectionery for direct sale on the premises and those primarily engaged in shelling and roasting nuts are classified in trade industries.
- 2072 Chocolate and Cocoa Products (S-99; C-82).—Establishments primarily engaged in shelling, roasting, and grinding cocoa beans for the purpose of making chocolate liquor, from which cocoa powder and cocoa butter are derived, and in the further manufacture of solid chocolate bars and chocolate coatings. Establishments primarily engaged in manufacturing products, except candy, from purchased chocolate and cocoa are classified in industry 2099 and chocolate candies in industry 2071.
- 2073 Chewing Gum (S-88; C-96).—Establishments primarily engaged in manufacturing chewing gum or chewing gum base.
- 208 BEVERAGES:
- 2082 Malt Liquors (S-100; C-100).—Establishments primarily engaged in manufacturing all kinds of malt liquors. Establishments primarily engaged in bottling purchased malt liquors are classified in trade industries.
- 2083 Malt (S-100; C-95).—Establishments primarily engaged in manufacturing malt or malt byproducts from barley or other grains.
- 2084 Wines, Brandy, and Brandy Spirits (S-98; C-99)¹.—Establishments primarily engaged in manufacturing wines, brandy, and brandy spirits. This industry also includes bonded storerooms which are engaged in blending wines. Establishments primarily bottling purchased wines, brandy and brandy spirits, but which do not manufacture wines and brandy, are classified in trade industries.
- 2085 Distilled, Rectified, and Blended Liquors (S-98; C-99).—Establishments primarily engaged in manufacturing alcoholic liquors by distillation and rectification and in manufacturing cordials and alcoholic cocktails by blending processes or by mixing liquors and other ingredients. Establishments primarily engaged in manufacturing industrial alcohol are classified in industry 2818 and those only bottling purchased liquors in trade industries.
- 2086 Bottled and Canned Soft Drinks and Carbonated Waters (S-98; C-95).—Establishments primarily engaged in manufacturing soft drinks (nonalcoholic beverages) and carbonated waters. Establishments primarily engaged in manufacturing fruit and vegetable juices are classified in industry 2033, fruit sirups for flavoring in industry 2087, and cider in industry 2099. Establishments primarily engaged in bottling natural spring waters are classified in trade industries.
- 2087 Flavoring Extracts and Flavoring Sirups, N.E.C. (S-90; C-79).—Establishments primarily engaged in manufacturing flavoring extracts, sirups, and fruit juices, n.e.c., for soda fountain use or for the manufacture of soft drinks, and colors for bakers'

and confectioners' use. Establishments primarily engaged in manufacturing chocolate sirup are classified in industry 2072 and mixed or blended sweetening sirup and molasses in industry 2099.

209 MISCELLANEOUS FOOD PREPARATIONS AND KINDRED PRODUCTS:

2091 Cottonseed Oil Mills (S-89; C-91).—Establishments primarily engaged in manufacturing cottonseed oil and byproduct cake, meal, and linters. Establishments primarily engaged in refining cottonseed oil into edible cooking oils are classified in industry 2096.

2092 Soybean Oil Mills (S-89; C-95).—Establishments primarily engaged in manufacturing soybean oil and byproduct cake and meal. Establishments primarily engaged in refining soybean oil into edible cooking oils are classified in industry 2096.

2093 Vegetable Oil Mills, Except Cottonseed and Soybean (S-84; C-83).—Establishments primarily engaged in manufacturing vegetable oils and byproduct cake and meal, except cottonseed and soybean. Establishments primarily engaged in refining vegetable oils into edible cooking oils are classified in industry 2096 and those refining these oils for medicinal purposes in industry 2833.

2094 Animal and Marine Fats and Oils, Including Grease and Tallow (S-94; C-66).—Establishments primarily engaged in rendering inedible grease and tallow from animal fat, bone, and meat scraps, or in manufacturing animal oil, n.e.c., including fish oil and other marine animal oils and byproduct meal. Establishments primarily engaged in refining marine animal oils for medicinal purposes are classified in industry 2833. Establishments primarily engaged in manufacturing fatty acids are classified in industry 2899. Establishments primarily engaged in manufacturing lard are classified in Industry Group 201.

This industry combines two industries that were separate under the previous classification system: Industry 2094 and industry 2095.

2095 Roasted Coffee (S-90; C-99).—Establishments primarily engaged in the manufacture of roasted and concentrated coffee. Roasted coffee may be whole bean or ground. Concentrated coffee produced may be in either liquid or powdered form.

This is a new industry classification. Previously, roasted coffee was classified in industry 2099.

2096 Shortening, Table Oils, Margarine, and Other Edible Fats and Oils, N.E.C. (S-88; C-89).—Establishments primarily engaged in manufacturing shortening, table oils, margarine, and other edible fats and oils, n.e.c., by further processing of animal and vegetable oils. Establishments primarily engaged in producing corn oil are classified in industry 2046.

2097 Manufactured Ice (S-99; C-100).—Establishments primarily engaged in manufacturing ice for sale. Ice plants operated by public utility companies are included in this industry. Establishments primarily engaged in manufacturing dry ice are classified in industry 2813 and those engaged in the harvesting and storage of natural ice for sale, in trade industries.

2098 Macaroni, Spaghetti, Vermicelli, and Noodles (S-96; C-94).—Establishments primarily engaged in manufacturing dry macaroni, spaghetti, vermicelli, and noodles. Establishments primarily engaged in manufacturing canned macaroni, spaghetti, etc. are classified in industry 2032.

2099 Food Preparations, N.E.C. (S-91; C-78).—Establishments primarily engaged in manufacturing prepared foods and miscellaneous specialties, n.e.c., such as baking powder, yeast, and other leavening compounds; desserts (ready-to-mix); sweetening sirups and molasses; vinegar and cider; chocolate and cocoa products, except confectionery, made from purchased chocolate; potato and corn chips, sticks, etc. (bagged or canned); and other food preparations not elsewhere classified.

The definition of this industry was changed from the previous definition. Roasted coffee was removed from this industry and is now separately defined as industry 2095.

21

TOBACCO MANUFACTURES

This major group includes establishments engaged in manufacturing cigarettes, cigars, smoking and chewing tobacco, and snuff, and in stemming and redrying tobacco. The manufacture of insecticides from tobacco byproducts is included in Major Group 28.

211 CIGARETTES:

2111 Cigarettes (S-97; C-100).—Establishments primarily engaged in the manufacture of cigarettes.

212 CIGARS:

2121 Cigars (S-100; C-100).—Establishments primarily engaged in the manufacture of cigars.

213 TOBACCO (CHEWING AND SMOKING) AND SNUFF:

2131 Tobacco (Chewing and Smoking) and Snuff (S-97; C-67).—Establishments primarily engaged in the manufacture of chewing and smoking tobacco and snuff.

214 TOBACCO STEMMING AND REDRYING:

2141 Tobacco Stemming and Redrying (S-100; C-100).—Establishments primarily engaged in the stemming and redrying of tobacco. Establishments which sell leaf tobacco as merchant wholesalers, agents, or brokers, and which also may be engaged in stemming tobacco are not included in this industry. Leaf tobacco warehouses which may be engaged in stemming tobacco are not included in this industry.

22

TEXTILE MILL PRODUCTS

This major group includes establishments engaged in performing any of the following operations: (1) Preparation of fiber and subsequent manufacturing of yarn, thread, braids, twine, and cordage; (2) manufacturing broad woven fabric, narrow woven fabric, knit fabric, and carpets and rugs from yarn; (3) dyeing and finishing fiber, yarn, fabric, and knit apparel; (4) coating, waterproofing, or otherwise treating fabric; (5) the integrated manufacture of knit apparel and other finished articles from yarn; and (6) the manufacture of felt goods, lace goods, bonded-fiber fabrics, and miscellaneous textiles.

This classification makes no distinction between the two types of organizations which operate in the textile industry: (1) The "integrated" mill which purchases materials, produces textiles and related articles within the establishment and sells the finished products; and (2) the "contract" or "commission" mill which processes materials owned by others. Converters or other non-manufacturing establishments which assign materials to contract mills for processing (other than knitting) are classified in non-manufacturing industries; establishments which assign yarns to outside contractors or commission knitters for the production of knit products are classified in Industry Group 225.

221 BROAD WOVEN FABRIC MILLS, COTTON:

2211 Broad Woven Fabric Mills, Cotton (S-92; C-80).—Establishments primarily engaged in weaving fabrics over 12 inches in width, wholly or chiefly of cotton. Establishments primarily engaged in weaving cotton carpets and rugs are classified in industry 2271, those tufting carpets and rugs in industry 2272, and those making tire cord and fabric in industry 2296.

In the product coding system for the 1963 Census of Manufactures, finished cotton fabrics and certain cotton fabricated products were classified as primary to industry 2211 when made in weaving mills. Similar products made in nonweaving establishments were classified as primary to the appropriate industry; for example, sheets made in strictly cut-and-sew plants were classified as primary to industry 2392.

222 BROAD WOVEN FABRIC MILLS, MAN-MADE FIBER AND SILK:

2221 Broad Woven Fabric Mills, Man-Made Fiber and Silk (S-86; C-82).—Establishments primarily engaged in weaving fabrics over 12 inches in width, wholly or chiefly of silk, and man-made fibers including glass. Establishments primarily engaged in weaving carpets and rugs from these fibers are classified in industry 2271, those tufting carpets and rugs from these fibers in industry 2272, and those making tire cord and fabric in industry 2296.

In the product coding system for the 1963 Census of Manufactures, finished synthetic and silk fabrics and blankets were classified as primary to industry 2221 when made in weaving mills. Similar products made in nonweaving establishments

were classified as primary to the appropriate industry; for example, synthetic fabrics finished in establishments engaged only in dyeing or printing were classified as primary to industry 2262.

223 BROAD WOVEN FABRIC MILLS, WOOL: INCLUDING DYEING AND FINISHING:

2231 Broad Woven Fabric Mills, Wool: Including Dyeing and Finishing (S-86; C-96).—Establishments primarily engaged in weaving fabrics over 12 inches in width, wholly or chiefly by weight of wool, mohair, or similar animal fibers; those dyeing and finishing woven wool fabrics or dyeing wool, tops, or yarn; and those shrinking and sponging wool goods for the trade. Establishments primarily engaged in weaving wool carpets and rugs are classified in industry 2271 and those tufting wool carpets and rugs in industry 2272.

224 NARROW FABRICS AND OTHER SMALL WARES MILLS: COTTON, WOOL, SILK, AND MAN-MADE FIBER:

2241 Narrow Fabrics and Other Smallwares Mills: Cotton, Wool, Silk, and Man-Made Fiber (S-91; C-97).—Establishments primarily engaged in weaving or braiding fabrics 12 inches or narrower in width of cotton, wool, silk, and man-made fibers, including glass fibers. Establishments primarily engaged in weaving or braiding fabrics 12 inches or narrower in width of fabric-covered elastic yarn are also included in this industry.

225 KNITTING MILLS:

2251 Women's Full-Length and Knee-Length Hosiery, Seamless and Full-Fashioned (S-96; C-94)¹.—Establishments primarily engaged in knitting, dyeing, or finishing women's and misses' full-length and knee-length hosiery, both seamless and full-fashioned.

This new industry definition represents a substantial revision from the classification system used in 1958. Prior to 1963, industry 2251 included establishments primarily engaged in production of full-fashioned hosiery, while industry 2252 consisted of establishments engaged primarily in the production of seamless (circular knit) hosiery. For 1963, the classifications for hosiery mills were revised to include in 2251 those mills primarily engaged in producing women's and misses' hosiery, except socks, and in 2252 mills engaged in producing all other hosiery.

2252 Hosiery, Except Women's Full-Length and Knee-Length Hosiery (S-91; C-96).—Establishments primarily engaged in knitting, dyeing, or finishing hosiery, except women's and misses' full-length and knee-length seamless and full-fashioned hosiery. See definition of industry 2251, above, for revision of the SIC for this industry as of 1963.

2253 Knit Outerwear Mills (S-92; C-97).—Establishments primarily engaged in knitting outerwear from yarn or in manufacturing outerwear from knit fabric produced in the same establishment. Establishments primarily engaged in hand knitting outerwear for the trade are included in this industry. Establishments primarily engaged in manufacturing woven or purchased knit fabric gloves and mittens are classified in industry 2381 and those manufacturing outerwear from purchased knit fabric in Major Group 23.

2254 Knit Underwear Mills (S-89; C-91).—Establishments primarily engaged in knitting underwear and nightwear from yarn, or in manufacturing underwear and nightwear from knit fabric produced in the same establishment. Establishments primarily engaged in manufacturing underwear and nightwear from purchased knit fabric are classified in Major Group 23.

2256 Knit Fabric Mills (S-95; C-93).—Establishments primarily engaged in knitting tubular or flat fabric and in dyeing or finishing knit fabric.

2259 Knitting Mills, N.E.C. (S-93; C-86).—Establishments primarily engaged in knitting gloves and other articles, n.e.c. Establishments primarily engaged in cutting and sewing dress, semi-dress, and work gloves and mittens from purchased knit fabrics are classified in industry 2381.

226 DYEING AND FINISHING TEXTILES, EXCEPT WOOL FABRICS AND KNIT GOODS:

2261 Finishers of Broad Woven Fabrics of Cotton (S-81; C-60²).—Establishments primarily engaged in finishing purchased cotton broad woven fabrics, or finishing such fabrics on a commission basis. These finishing operations include bleaching, dyeing, printing (roller, screen, flock, plissé), and other mechanical

finishing such as preshrinking, calendaring, and napping. This industry also includes the shrinking and sponging of cloth for the trade and the chemical finishing for water-repellency, fire-resistance, and mildew-proofing. Establishments primarily engaged in finishing wool broad woven fabrics are classified in industry 2231, knit goods in Industry Group 225, and those coating or impregnating fabrics in industry 2295.

2262 Finishers of Broad Woven Fabrics of Man-Made Fiber and Silk (S-91; C-46³).—Establishments primarily engaged in finishing purchased man-made fiber and silk broad woven fabrics or finishing such fabrics on a commission basis. These finishing operations include bleaching, dyeing, printing (roller, screen, flock, plissé), and other mechanical finishing such as preshrinking, calendaring, and napping. Establishments primarily engaged in finishing wool broad woven fabrics are classified in industry 2231, knit goods in Industry Group 225, and those coating or impregnating fabrics in industry 2295.

2269 Dyeing and Finishing Textiles, N.E.C. (S-89; C-64⁴).—Establishments primarily engaged in dyeing and finishing textiles, n.e.c., such as bleaching, dyeing, printing, and finishing of raw stock, yarn, braided goods, and narrow fabrics, except wool. These establishments perform finishing operations on purchased textiles or on a commission basis.

227 FLOOR COVERING MILLS:

2271 Woven Carpets and Rugs (S-77; C-92).—Establishments primarily engaged in weaving carpets and rugs from any textile yarn. Important products of this industry include Axminster, Wilton, velvet, chenille, and similar woven carpets and rugs; and woven automobile and aircraft floor coverings.

2272 Tufted Carpets and Rugs (S-96; C-96).—Establishments primarily engaged in tufting carpets and rugs from any textile fiber. Important products of this industry include tufted carpets, rugs, scatter rugs, and bathmats and bathmat sets, except terry woven. Finishers of these products also are included in this industry.

2279 Carpets, Rugs and Mats, N.E.C. (S-89; C-46).—Establishments primarily engaged in manufacturing rugs, carpets, art squares, floor matting, door mats and matting from twisted paper, grasses, reeds, coir, sisal, jute or rags. Establishments primarily engaged in manufacturing hard-surface floor coverings, except rubber and cork, are classified in industry 3982.

228 YARN AND THREAD MILLS:

2281 Yarn Spinning Mills, Cotton, Man-Made Fibers, and Silk (S-96; C-83).—Establishments primarily engaged in spinning yarn wholly or chiefly by weight of cotton, man-made fiber staple, or silk staple. Establishments primarily engaged in dyeing or finishing purchased yarns or finishing yarns on a commission basis are classified in industry 2269.

2282 Yarn Throwing, Twisting, and Winding Mills, Cotton, Man-Made Fibers and Silk (S-95; C-87).—Establishments primarily engaged in throwing, twisting, winding, or spooling yarn wholly or chiefly by weight of cotton, man-made fibers, or silk. Establishments primarily engaged in dyeing or finishing purchased yarns or finishing yarns on a commission basis are classified in industry 2269.

2283 Yarn Mills, Wool, Including Carpet and Rug Yarn (S-85; C-82).—Establishments primarily engaged in spinning, twisting, winding, or spooling yarn (including carpet and rug yarn) wholly or chiefly by weight of wool, mohair, or similar animal fibers. Establishments primarily engaged in dyeing or finishing purchased yarn or finishing yarn on a commission basis are classified in industry 2231.

2284 Thread Mills (S-93; C-90).—Establishments primarily engaged in manufacturing thread from natural or man-made fiber, except flax (industry 2299) and wool (industry 2283). Important products of this industry include sewing, crochet, darning, embroidery, tatting, hand knitting, and other handicraft threads.

229 MISCELLANEOUS TEXTILE GOODS:

2291 Felt Goods, Except Woven Felts and Hats (S-86; C-88).—Establishments primarily engaged in manufacturing pressed felt, regardless of fiber, by means of heat, moisture, and pressure, and those making punched felt for rugs, cushions, and other products from hair, jute, wool, or other fibers by the needle loom process. Establishments primarily engaged in

manufacturing woven wool felts and wool haircloth are classified in industry 2231 and those manufacturing felt hats in Industry Group 235.

- 2292 Lace Goods (S-98; C-91).—Establishments primarily engaged in manufacturing lace machine products and those primarily engaged in dyeing and finishing lace goods. Establishments primarily engaged in manufacturing Schiffli machine embroideries are classified in industry 2397.
- 2293 Paddings and Upholstery Filling (S-84; C-81).—Establishments primarily engaged in manufacturing batting, padding, wadding, and filling for upholstery, pillows, quilts, and apparel from curled hair, cotton mill waste, moss, hemptow, flax tow, kapok, and related materials. Establishments primarily engaged in manufacturing wood excelsior pads and wrappers are classified in industry 2429.
- 2294 Processed Waste and Recovered Fibers and Flock (S-95; C-86).—Establishments primarily engaged in processing textile mill waste for spinning, padding, batting, or other uses; in recovering textile fibers from clippings and rags; in cutting flock from waste, recovered fibers, or new fiber stock; and in manufacturing oakum and twisted jute packing. Establishments primarily engaged in cleaning and sorting wiping rags or waste are classified in nonmanufacturing industries.
- 2295 Artificial Leather, Oilcloth, and Other Impregnated and Coated Fabrics, Except Rubberized (S-86; C-83).—Establishments primarily engaged in manufacturing coated and impregnated textiles and in the special finishing of textiles such as varnishing and waxing. Establishments primarily engaged in rubberizing purchased fabrics are classified in industry 3069 and those primarily engaged in dyeing and finishing textiles in Industry Group 226.
- 2296 Tire Cord and Fabric (S-87; C-91).—This industry comprises establishments primarily engaged in manufacturing cord and fabric for use in reinforcing rubber tires, industrial belting, fuel cells, and similar uses.
- 2297 Wool Scouring, Worsted Combing, and Tow to Top Mills (S-94; C-69).—This industry comprises establishments primarily engaged in processing textile fibers to prepare them for spinning. Important processes included in this industry are wool scouring and carbonizing, and combing and converting top.
- 2298 Cordage and Twine (S-90; C-87).—Establishments primarily engaged in manufacturing rope, cable, cordage, twine, and related products from abaca (Manila), sisal, henequen, hemp, cotton, paper, jute, flax, man-made fibers including glass, and other fibers.
- 2299 Textile Goods, N.E.C. (S-85; C-82).—Establishments primarily engaged in manufacturing linen goods, jute goods except felt, bonded fiber fabrics except felt, and other textile goods, n.e.c. Establishments primarily engaged in manufacturing woven felts are classified in industry 2231, nonwoven felts in industry 2291, and cordage and twine in industry 2298.
- 23 APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS

This major group, known as the cutting-up or needle trades, includes establishments primarily producing apparel and fabricated products by cutting and sewing purchased woven or knit textile fabrics and related materials such as leather, rubberized fabrics, plastics and furs.

Covered in the apparel industries are three types of establishments: (1) The "regular" or inside factories, (2) contract factories, and (3) apparel jobbers. The "regular" factories perform all of the usual manufacturing functions on materials owned by themselves within their own plants, the contract factories manufacture apparel on a contract or commission basis from materials supplied to them by others, and apparel jobbers perform only entrepreneurial functions of a manufacturing establishment such as the purchase of raw materials for their own account, the design and preparation of samples, arrangement with outside factories (contractors) for the manufacture of garments from materials supplied by such jobbers, and the sale of finished apparel.

Custom tailors and dressmakers not operating on a factory basis are classified in nonmanufacturing industries. Establishments which primarily purchase and resell finished garments but

do not perform the functions of apparel jobbers or manufacturers are classified in the wholesale trades.

The major group also includes manufacturers of fabricated textile products (other than apparel) from purchased fabrics, typically by cutting and sewing or the performance of sewing and related services on textile and similar materials for the trade.

- 231 MEN'S, YOUTHS', AND BOYS' SUITS, COATS, AND OVERCOATS:
- 2311 Men's, Youths', and Boys' Suits, Coats, and Overcoats (S-92; C-96).—Establishments primarily engaged in manufacturing men's, youths', and boys' suits, coats, and overcoats. Establishments primarily engaged in manufacturing uniforms (military, policemen's, firemen's, etc.) and tailored dress and sport coats, are also included in this industry. Establishments primarily engaged in manufacturing men's work and sport garments (such as lumber-jackets, ski suits, and riding garments) are classified in Industry Group 232, Men's, Youths', and Boys' Furnishings, Work Clothing, and Allied Garments.
- 232 MEN'S, YOUTHS', AND BOYS' FURNISHINGS, WORK CLOTHING AND ALLIED GARMENTS:
- 2321 Men's, Youths', and Boys' Shirts (Except Work Shirts), Collars, and Nightwear (S-85; C-81⁵).—Establishments primarily engaged in manufacturing men's, youths', and boys' shirts, collars, and nightwear cut and sewed from purchased woven or knit fabric. Establishments primarily engaged in manufacturing knit outerwear sport shirts from purchased knit fabric are also classified in this industry. Establishments primarily engaged in manufacturing work shirts are classified in industry 2328. Knitting mills primarily engaged in manufacturing nightwear are classified in industry 2254 and knit outerwear sport shirts in industry 2253. Men's and boys' knit nightwear made in knitting mills is included in industry 2254.
- 2322 Men's, Youths', and Boys' Underwear (S-89; C-31⁵).—Establishments primarily engaged in manufacturing men's, youths', and boys' underwear cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing underwear are classified in industry 2254.
- 2323 Men's, Youths', and Boys' Neckwear (S-98; C-98).—Establishments primarily engaged in manufacturing men's, youths', and boys' neckties, scarfs, and mufflers cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing neckties, scarfs, and mufflers are classified in industry 2253.
- 2327 Men's, Youths', and Boys' Separate Trousers (S-83; C-78).—Establishments primarily engaged in manufacturing men's, youths', and boys' separate trousers and slacks. Establishments primarily engaged in manufacturing complete suits are classified in industry 2311 and work pants in industry 2328.
- 2328 Work Clothing (S-81; C-90).—Establishments primarily engaged in manufacturing men's and boys' work shirts, pants, and other work clothing and washable service apparel.
- 2329 Men's, Youths', and Boys' Clothing, N.E.C. (S-83; C-47⁵).—Establishments primarily engaged in manufacturing men's, youths', and boys' clothing, n.e.c. Establishments primarily engaged in manufacturing polo and sport shirts are classified in industry 2321, separate trousers in industry 2327, work clothing in industry 2328, and leather and sheeplined garments in industry 2386. Men's and boys' knit sweaters and other knit outerwear, n.e.c., made in knitting mills are classified as primary products of industry 2253, while men's and boys' knit outerwear, n.e.c., cut and sewed from purchased knit fabric are included in industry 2329.
- 233 WOMEN'S, MISSES', AND JUNIORS' OUTERWEAR:
- 2331 Blouses, Waists, and Shirts (S-86; C-69)⁶.—Establishments primarily engaged in manufacturing women's, misses', and juniors' blouses, waists, and shirts from purchased woven or knit fabrics. Establishments making knit outerwear shirts from yarns knit in the same establishment are classified in industry 2253.
- 2335 Dresses (S-96; C-96).—Establishments primarily engaged in manufacturing women's, misses', and juniors' dresses, including ensemble dresses, whether sold by the piece or by the dozen. Knitting mills primarily engaged in manufacturing

- women's, misses', and juniors' knit dresses and suits are classified in industry 2253.
- 2337 Suits, Skirts, and Coats, Except Fur Coats and Raincoats (S-88; C-92).—Establishments primarily engaged in manufacturing women's, misses', and juniors' suits, skirts, and coats, except fur coats and raincoats. Establishments primarily engaged in manufacturing fur garments are classified in industry 2371, raincoats in industry 2385, and knitting mills primarily engaged in manufacturing knit outerwear in industry 2253.
- 2339 Women's, Misses', and Juniors' Outerwear, N.E.C. (S-80; C-55).—Establishments primarily engaged in manufacturing women's, misses', and juniors' outerwear, n.e.c., cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear knit sweaters and other knit outerwear, n.e.c., are classified in industry 2253.
- 234 WOMEN'S, MISSES', CHILDREN'S, AND INFANTS' OUTER-GARMENTS, UNDERGARMENTS:
- 2341 Women's, Misses', Children's, and Infants' Underwear and Nightwear (S-93; C-85⁶).—Establishments primarily engaged in manufacturing women's, misses', children's, and infants' underwear and nightwear cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing underwear and nightwear are classified in industry 2254.
- 2342 Corsets and Allied Garments (S-95; C-97).—Establishments primarily engaged in manufacturing corsets, corset accessories, and allied garments. Establishments primarily engaged in manufacturing surgical and orthopedic appliances are classified in industry 3842 and in manufacturing garter belts, in industry 2389.
- 235 HATS, CAPS, AND MILLINERY:
- 2351 Millinery (S-100; C-100).—Establishments primarily engaged in manufacturing women's, misses', children's, and infants' millinery. Establishments primarily engaged in manufacturing millinery braid and trimmings are classified in industry 2396.
- 2352 Hats and Caps, Except Millinery (S-98; C-98).—Establishments primarily engaged in manufacturing hats, caps (except millinery) and all hat bodies. Knitting mills primarily engaged in manufacturing caps are classified in industry 2253.
- 236 GIRLS', CHILDREN'S, AND INFANTS' OUTERWEAR:
- 2361 Dresses, Blouses, Waists, and Shirts (S-90; C-82⁶).—Establishments primarily engaged in manufacturing girls', children's, and infants' dresses, blouses, waists, and shirts, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear of this type are classified in industry 2253.
- 2363 Coats and Suits (S-92; C-85).—Establishments primarily engaged in manufacturing girls', children's, and infants' coats and suits, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear of this type are classified in industry 2253.
- 2369 Girls', Children's, and Infants' Outerwear, N.E.C. (S-79; C-67⁶).—Establishments primarily engaged in manufacturing girls', children's, and infants' outerwear, n.e.c., cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing sweaters and other outerwear, n.e.c., are classified in industry 2253.
- 237 FUR GOODS:
- 2371 Fur Goods (S-99; C-100).—Establishments primarily engaged in manufacturing fur coats and other garments, accessories, and trimmings made of fur. Establishments primarily engaged in manufacturing sheeplined clothing are classified in industry 2386 and those engaged in dyeing and dressing of furs in industry 3992.
- 238 MISCELLANEOUS APPAREL AND ACCESSORIES:
- 2381 Dress and Work Gloves, Except Knit and All Leather (S-94; C-82⁶).—Establishments primarily engaged in manufacturing dress, semidress, and work gloves and mittens, cut and sewed from purchased woven or knit fabric, or these materials combined with leather. Knitting mills primarily engaged in manufacturing gloves and mittens are classified in industry 2259, establishments primarily engaged in manufacturing leather gloves in industry 3151, and those manufacturing rubber gloves in industry 3069.
- 2384 Robes and Dressing Gowns (S-96; C-94).—Establishments primarily engaged in manufacturing men's and women's robes and dressing gowns.
- 2385 Raincoats and Other Waterproof Outer Garments (S-92; C-93).—Establishments primarily engaged in manufacturing raincoats from purchased rubberized fabrics and other waterproof outer-garments made from such material as pliofilm and cellophane. Establishments primarily engaged in manufacturing oiled fabric work garments are classified in industry 2328 and those manufacturing vulcanized rubber garments and garments made from rubberized fabrics produced in the same establishments are classified in industry 3069.
- 2386 Leather and Sheeplined Clothing (S-97; C-83).—Establishments primarily engaged in manufacturing leather and sheeplined garments. Establishments primarily engaged in manufacturing leather gloves and mittens are classified in industry 3151 and fur garments in industry 2371.
- 2387 Apparel Belts (S-91; C-94).—Establishments primarily engaged in manufacturing men's and women's apparel belts, regardless of material.
- 2389 Apparel, N.E.C. (S-93; C-82).—Establishments primarily engaged in manufacturing suspenders, garters, handkerchiefs, and other apparel, n.e.c., such as academic caps and gowns, vestments, and theatrical costumes.
- 239 MISCELLANEOUS FABRICATED TEXTILE PRODUCTS, N.E.C.:—These establishments are engaged in the manufacture of fabricated textile products (other than apparel) from purchased fabrics. Textile mills producing fabricated textile products from material woven at the same establishment are classified in the appropriate weaving industry (Major Group 22). However, establishments that finish fabrics (bleach, dye, or print) and then further fabricate the fabrics into end products such as sheets are included in the appropriate 239 industry.
- 2391 Curtains and Draperies (S-96; C-95).—Establishments primarily engaged in manufacturing curtains and draperies from purchased materials.
- 2392 Housefurnishings, Except Curtains and Draperies (S-88; C-50).—Establishments primarily engaged in manufacturing housefurnishings from purchased materials. Establishments primarily engaged in manufacturing curtains and draperies are classified in industry 2391. Establishments primarily producing housefurnishings from fabrics woven at the same establishment are classified in the appropriate weaving industry, generally industry 2211.
- 2393 Textile Bags (S-88; C-85).—Establishments primarily engaged in manufacturing cotton, burlap, and other textile bags from purchased fabric. Establishments primarily engaged in manufacturing plastic bags are classified in industry 2643.
- 2394 Canvas Products (S-92; C-91).—Establishments primarily engaged in manufacturing awnings, tents, and other canvas products from purchased canvas. Establishments primarily engaged in manufacturing canvas bags are classified in industry 2393.
- 2395 Pleating, Decorative, and Novelty Stitching and Tucking for the Trade (S-97; C-98).—Establishments primarily engaged in pleating, decorative, and novelty stitching and tucking for the trade. Establishments primarily engaged in performing similar services for individuals are classified in service industries. Establishments primarily engaged in manufacturing trimmings are classified in industry 2396.
- 2396 Apparel Findings and Related Products (S-98; C-97).—Establishments primarily engaged in manufacturing apparel findings, automobile and other trimmings.
- 2397 Schiffli Machine Embroideries (S-96; C-99).—Establishments primarily engaged in manufacturing Schiffli machine embroideries.
- 2399 Fabricated Textile Products, N.E.C. (S-86; C-75).—Establishments primarily engaged in manufacturing fabricated textile products, n.e.c.

This major group includes logging camps engaged in cutting timber and pulpwood; merchant sawmills, lath mills, shingle mills, cooperage stock mills, planing mills, and plywood mills and veneer mill engaged in producing lumber and wood basic materials; and establishments engaged in manufacturing finished articles made entirely or mainly of wood or wood substitutes. Certain types of establishments producing wood products are classified elsewhere. For example, furniture and office and store fixtures are classified in Major Group 25; pianos, musical instruments, toys and playground equipment, and caskets and coffins in Major Group 39. Woodworking in connection with construction, in the nature of reconditioning and repair, or performed to individual order, is classified in nonmanufacturing industries.

241 LOGGING CAMPS AND LOGGING CONTRACTORS:

2411 Logging Camps and Logging Contractors (S-99; C-90).—Establishments primarily engaged in cutting timber and in producing rough, round, hewn, or riven primary forest or wood raw materials. Independent contractors engaged in estimating or trucking timber who perform no cutting operations are classified in nonmanufacturing industries. Logging and woods operations conducted in combination with sawmills, pulpmills, or other converting establishments, and not separately reported, are classified in their respective industry groups; namely, with sawmills in Industry Group 242, veneer and plywood mills in Industry Group 243, pulpmills in Major Group 26, and charcoal and wood distillation plants in Industry Group 286. Establishments primarily engaged in the collection of bark, sap, gum, and other forest byproducts are classified in nonmanufacturing industries.

242 SAWMILLS AND PLANING MILLS:

2421 Sawmills and Planing Mills, General (S-89; C-95).—Establishments primarily engaged in sawing rough lumber and timber from logs and bolts, or resawing cants and flitches into lumber, including box lumber and softwood cut stock; planing mills combined with sawmills; and separately operated planing mills which are engaged primarily in producing surfaced lumber and standard workings or patterns of lumber. This industry includes establishments primarily engaged in sawing lath and railroad ties and in producing tobacco hogshead stock and snow fence lath. Establishments primarily engaged in manufacturing box shook or boxes are classified in Industry Group 244, sash, doors, wood molding, window and door frames, and other fabricated millwork in industry 2431, and hardwood dimension and flooring in industry 2426. Logging camps combined with sawmills, when not separately reported, are included in this industry.

2426 Hardwood Dimension and Flooring Mills (S-86; C-86).—Establishments primarily engaged in manufacturing hardwood dimension lumber and workings therefrom, other hardwood dimension, semifabricated or ready for assembly, and hardwood flooring. Establishments primarily engaged in manufacturing stairwork, molding, and trim are classified in industry 2431 and those manufacturing textile machinery bobbins, picker sticks, and shuttles in industry 3552.

2429 Special Product Sawmills, N.E.C. (S-98; C-497).—Establishments primarily engaged in manufacturing wood chips, excelsior, wood shingles, and cooperage stock, and in sawing special products, n.e.c.

243 MILLWORK, VENEER, PLYWOOD AND PREFABRICATED STRUCTURAL WOOD PRODUCTS:

2431 Millwork Plants (S-95; C-93).—Establishments primarily engaged in manufacturing fabricated millwork. Planing mills primarily engaged in producing millwork are included in this industry, but planing mills primarily producing standard workings or patterns of lumber are classified in industry 2421.

2432 Veneer and Plywood Plants (S-92; C-94).—Establishments primarily engaged in producing commercial veneer, either face or technical, and those primarily engaged in manufacturing commercial plywood, including nonwood backed or faced veneer and nonwood faced plywood, from veneer produced in the same establishment or from purchased veneer. Establishments primarily engaged in manufacturing prefinished plywood from purchased plywood are also classified in this industry. Establishments primarily engaged in the production of veneer which is used in the same establishment for the manufacture of end products such as fruit and vegetable baskets are classified in industry 2443 and wood boxes in industries 2441 and 2442.

2433 Prefabricated Wooden Buildings and Structural Members (S-98; C-96).—Establishments primarily engaged in manufacturing prefabricated wooden buildings, sections, and panels, or in producing laminated or fabricated trusses, arches, and other structural members of lumber. Prefabrication on the site of construction is not included in this industry.

244 WOODEN CONTAINERS:

2441 Nailed and Lock Corner Wooden Boxes and Shook (S-85; C-83).—Establishments primarily engaged in manufacturing nailed and lock corner wooden boxes, which also may produce shook for nailed and lock corner boxes.

2442 Wirebound Boxes and Crates (S-92; C-93).—Establishments primarily engaged in manufacturing wirebound boxes and crates.

2443 Veneer and Plywood Containers (S-90; C-79).—Establishments primarily engaged in manufacturing veneer and plywood containers, except boxes. This industry includes baskets made primarily of veneer and splint for shipping and marketing fruits and vegetables.

2445 Cooperage (S-97; C-99).—Establishments primarily engaged in manufacturing barrels, tubs, hogsheads, and other containers made of staves, except fruit and vegetable baskets (industry 2443). Establishments primarily engaged in manufacturing tobacco hogshead stock are classified in industry 2421 and those manufacturing cooperage stock in industry 2429.

249 MISCELLANEOUS WOOD PRODUCTS:

2491 Wood Preserving (S-98; C-97).—Establishments primarily engaged in treating wood, sawed or planed in other establishments, with creosote or other preservatives to prevent decay and to protect against fire and insects. This industry also includes the cutting, treating, and selling of poles, posts, and piling, but establishments primarily engaged in manufacturing other wood products, which they may also treat with preservatives, are not included.

2499 Wood Products, N.E.C. (S-92; C-87).—Establishments primarily engaged in turning and shaping wood and manufacturing miscellaneous wood products, n.e.c., such as lasts and related products, cork products, mirror and picture frames, particle board, hard pressed wood fiberboard, and fabricated hardboard products.

The composition of this industry has been slightly changed for 1963 due to the transfer of hard pressed wood fiberboard (hardboard) and fabricated hardboard products to this industry. Prior to 1963, establishments primarily engaged in manufacturing hardboard were classified in industry 2661 and those primarily producing fabricated hardboard products were classified in industry 2649.

25 FURNITURE AND FIXTURES

This major group includes establishments engaged in manufacturing household, office, public building, and restaurant furniture, and office and store fixtures. Establishments primarily engaged in the production of millwork are classified in industry 2431 and woodworking to individual order or in the nature of reconditioning and repair in nonmanufacturing industries.

251 HOUSEHOLD FURNITURE:—Establishments primarily engaged in making furniture to order of individual household consumers or primarily engaged in renovating furniture or mattresses are classified in nonmanufacturing industries. Establishments primarily engaged in making furniture parts (except wood frames or headboards) are not included in this group of industries but are generally classified in Major Group 24, Lumber and Wood Products or Major Group 34, Fabricated Metal Products. For example, furniture turnings are included in industry 2499, and furniture hardware, including, casters are included in industry 3429.

2511 Wood Household Furniture, Except Upholstered (S-94; C-96).—Establishments primarily engaged in manufacturing wood household furniture commonly used in dwellings. This industry also includes the manufacture of wood kitchen cabinets, on a factory basis, and camp furniture. Establishments primarily engaged in manufacturing upholstered furniture or wood frames for upholstered furniture are classified in industry 2512 and reed and rattan furniture in industry 2519. Plants primarily engaged in renovating or refinishing furniture are classified

in trade industries and plants selling household furniture to household consumers through a retail store on the manufacturing premises are included in retail trade.

- 2512 Wood Household Furniture, Upholstered (S-92; C-92).—Establishments primarily engaged in manufacturing upholstered furniture on wood frames or wood frames for upholstered furniture. Shops primarily engaged in reupholstering furniture or upholstering frames to individual order are classified in nonmanufacturing industries. Establishments primarily engaged in manufacturing dual purpose sleep furniture, such as studio couches, convertible sofas, jackknife sofa beds, and chair-beds, are classified in industry 2515, regardless of the materials used in the frame.
- 2514 Metal Household Furniture (S-88; C-89).—Establishments primarily engaged in manufacturing metal household furniture of a type commonly used in dwellings, whether padded, upholstered, or plain. Establishments primarily engaged in manufacturing dual purpose furniture, such as studio couches, sofa beds, and chair-beds are classified in industry 2515, regardless of the materials used in the frame.
- 2515 Mattresses and Bedsprings (S-90; C-90).—Establishments primarily engaged in manufacturing innerspring mattresses, box-spring mattresses, and non-innerspring mattresses containing felt, foam rubber, or any other filling material; and assembled wire springs (fabric, coil, or box) for use on beds, couches, and cots. This industry also includes establishments primarily engaged in manufacturing dual purpose sleep furniture, such as studio couches, sofa beds, and chair-beds, regardless of the material used in the frame. Establishments primarily engaged in manufacturing automobile seats and backs are classified in industry 2531, individual wire springs in industry 3481, and paddings and upholstery filling in industry 2293. Establishments primarily engaged in repair, renovating, etc. mattresses and bedsprings are classified in service industries.
- 2519 Household Furniture, N.E.C. (S-84; C-51).—Establishments primarily engaged in manufacturing reed, rattan, and other wicker furniture, and other household furniture, n.e.c.
- 252 OFFICE FURNITURE:
- 2521 Wood Office Furniture (S-90; C-87).—Establishments primarily engaged in manufacturing wood office furniture, whether padded, upholstered, or plain.
- 2522 Metal Office Furniture (S-87; C-89).—Establishments primarily engaged in manufacturing metal office furniture, whether padded or plain. Establishments primarily engaged in manufacturing safes and vaults are classified in industry 3492.
- 253 PUBLIC BUILDING AND RELATED FURNITURE:
- 2531 Public Building and Related Furniture (S-85; C-85).—Establishments primarily engaged in manufacturing furniture for schools, theaters, assembly halls, churches, and libraries. Establishments primarily engaged in manufacturing seats for public conveyances, as well as seats for automobiles and aircraft, are included in this industry. Establishments primarily engaged in manufacturing stone furniture are classified in industry 3281 and concrete furniture in industry 3272.
- 254 PARTITIONS, SHELVING, LOCKERS, AND OFFICE AND STORE FIXTURES:
- 2541 Wood Partitions, Shelving, Lockers, and Office and Store Fixtures (S-94; C-89).—Establishments primarily engaged in manufacturing wood shelving, lockers, office and store fixtures, and prefabricated partitions and related fabricated products.
- 2542 Metal Partitions, Shelving, Lockers, and Office and Store Fixtures (S-83; C-82).—Establishments primarily engaged in manufacturing metal shelving, lockers, office and store fixtures, prefabricated partitions, and related fabricated products.
- 259 MISCELLANEOUS FURNITURE AND FIXTURES, N.E.C.:
- 2591 Venetian Blinds and Shades (S-89; C-90).—Establishments primarily engaged in manufacturing Venetian blinds, regardless of the materials used, and shades, except canvas shades and awnings, which are classified in industry 2394.
- 2599 Furniture and Fixtures, N.E.C. (S-86; C-70).—Establishments primarily engaged in manufacturing furniture and fixtures, n.e.c., including furniture especially designed for use in restaurants.

This major group includes the manufacture of pulps from wood and other cellulose fibers, and rags; the manufacture of paper and paperboard; and the manufacture of paper and paperboard into converted products such as paper coated off the paper machine, paper bags, paper boxes, and envelopes. Certain types of converted paper products are classified elsewhere, such as abrasive paper in industry 3291, carbon paper in industry 3955, and photosensitized and blueprint paper in industry 3861.

261 PULPMILLS:

- 2611 Pulpmills (S-88; C-71).—Establishments primarily engaged in manufacturing pulp from wood or from other materials such as rags, linters, wastepaper, and straw. Logging camps operated by pulpmills, and not separately reported, are also included in this industry. Establishments primarily engaged in cutting pulpwood are classified in industry 2411, and pulpmills combined with papermills or paperboard mills and not separately reported are classified with the latter in industries 2621 and 2631, respectively.

In both the 1963 and 1958 Censuses of Manufactures, pulpmills operated in conjunction with a paper and board mill at the same location were permitted to file a combined report for such integrated operations. However, in 1954, all pulpmill activity was separately reported, whether or not such pulpmill operations were conducted at the same physical location as an associated paper or board mill. This change in treatment has the effect of restricting the reporting of a "pulpmill" for classification in industry 2611 in both the 1963 and 1958 censuses to the following situations: (a) Those pulpmills which are not affiliated with any paper and board mills and ship all their products to the market; (b) pulpmills affiliated or associated with a primary paper or board mill but which are separately located from the pulpmill; and (c) a few pulpmills affiliated or associated with a primary paper or board mill at the same physical location, where separate departmental records of employment, materials, and fuel costs, shipments, etc. are maintained for the pulpmill from those covering the paper or board mill at that location and the company elected to file such a separate report.

262 PAPERMILLS, EXCEPT BUILDING PAPERMILLS:

- 2621 Papermills, Except Building Papermills (S-90; C-92).—Establishments primarily engaged in manufacturing paper (except building paper—industry 2661) from woodpulp and other fibers, which may also manufacture converted paper products (confined almost exclusively to off-machine paper coating). Pulpmills combined with papermills and not separately reported are also included in this industry; when separately reported, they are classified in industry 2611. Establishments primarily engaged in manufacturing converted paper products from purchased paper stock are classified in Industry Group 264 or 265.

263 PAPERBOARD MILLS:

- 2631 Paperboard Mills (S-85; C-90).—Establishments primarily engaged in manufacturing paperboard, including paperboard coated on the paperboard machine, from woodpulp and other fibers, which may also manufacture converted paperboard products (confined almost exclusively to pasted, lined, laminated or surface-coated paperboard). Pulpmills combined with paperboard mills and not separately reported are also included in this industry; when separately reported, they are classified in industry 2611. Establishments primarily engaged in manufacturing converted paperboard products from purchased paperboard are classified in Industry Group 264 or 265.

264 CONVERTED PAPER AND PAPERBOARD PRODUCTS, EXCEPT CONTAINERS AND BOXES:

- 2641 Paper Coating and Glazing (S-82; C-78).—Establishments primarily engaged in manufacturing coated, glazed, or varnished paper from purchased paper. Establishments primarily engaged in coating paper on the paper machine are classified in industry 2621, those manufacturing carbon paper in industry 3955, and photographic and blueprint paper in industry 3861.

Principal products of this industry include: Off-machine coated paper; oiled, waxed, and wax-laminated paper and wrappers; pressure sensitive tape; gummed products; and other coated and processed paper.

- 2642 Envelopes (S-94; C-96).—Establishments primarily engaged in manufacturing envelopes of any description from purchased paper and paperboard. Establishments primarily engaged in manufacturing papeteries (boxed stationery) are classified in industry 2649.
- 2643 Bags, Except Textile Bags (S-86; C-88).—Establishments primarily engaged in manufacturing bags from purchased paper, cellophane, acetate, polyethylene, pliofilm, foil, and similar sheet or film materials.
- 2644 Wallpaper (S-97; C-99).—Establishments primarily engaged in designing, printing, and embossing paper for interior walls and ceilings. Establishments primarily engaged in manufacturing wall cloth from textile fabrics are classified in industry 2295.
- 2645 Die Cut Paper and Paperboard, and Cardboard (S-88; C-82).—Establishments primarily engaged in die cutting purchased paper and paperboard and in manufacturing cardboard by laminating, lining, or surface coating paperboard.
- 2646 Pressed and Molded Pulp Goods (S-99; C-96).—Establishments primarily engaged in manufacturing all kinds of pressed and molded pulp goods, including papier-mache articles other than statuary and art goods.
- 2647 Sanitary Paper Products (S-93; C-97).—Establishments primarily engaged in manufacturing sanitary health products from purchased paper and paperboard. The principal products of this industry are sanitary napkins and tampons; facial tissues; table napkins, toilet paper, towels, and wipes. This industry was not separately identified for 1958 in the SIC, but was included in industry 2649. Comparable data for 1963, using the previous industry classification for industry 2649, are shown in tables 1 and 2 of the chapter for that industry.
- 2649 Converted Paper and Paperboard Products, N.E.C. (S-84; C-78).—Establishments primarily engaged in manufacturing from purchased paper or paperboard miscellaneous converted paper or paperboard products, n.e.c.
- The principal products of this industry are: Stationery, tablets and related products; wrapping products such as gift wrap and and creped wadding; patterns, business machine supplies, tiled and laminated wallboard, unprinted tags and other miscellaneous paper and board products.
- Sanitary paper products were transferred from this industry and established as a separate industry (2647) for 1963.
- 265 PAPERBOARD CONTAINERS AND BOXES:—There is a high degree of integration between industry 2631 and the various board converting industries, except industries 2652 and 2655, which rely principally on market purchases of paperboard. In industries 2651, 2653, and 2654, a substantial part of the converted paperboard is manufactured and converted by the same company, either at the same location or at separate locations.
- 2651 Folding Paperboard Boxes (S-85; C-88).—Establishments primarily engaged in manufacturing folding paperboard boxes from purchased paperboard.
- 2652 Setup Paperboard Boxes (S-91; C-87).—Establishment primarily engaged in manufacturing setup paperboard boxes from purchased paperboard.
- 2653 Corrugated and Solid Fiber Boxes (S-97; C-96).—Establishments primarily engaged in manufacturing corrugated and solid fiber boxes and related products from purchased paperboard of fiber stock. Important products of this industry include corrugated and solid fiberboard boxes, pads, partitions, display items, pallets, single face products, and corrugated sheets.
- 2654 Sanitary Food Containers (S-92; C-92).—Establishments primarily engaged in manufacturing food containers from special food board. Important products of this industry include fluid milk containers; folding paraffined cartons for butter, margarine, and shortening; ice cream containers; frozen food containers; liquid tight containers; round nested food containers; paper cups for hot or cold drinks; and pails for food and ice cream.
- 2655 Fiber Cans, Tubes, Drums, and Similar Products (S-95; C-80).—Establishments primarily engaged in manufacturing fiber cans, cones, drums, and similar products with or without metal ends, from purchased materials; and vulcanized fiber boxes.
- 266 BUILDING PAPER AND BUILDING BOARD MILLS:
2661 Building Paper and Building Board Mills (S-97; C-88).—Establishments primarily engaged in manufacturing building paper and building board, except hard pressed wood fiberboard, from woodpulp and other fibrous materials. Mills producing hard pressed wood fiberboard are classified in industry 2499. In addition, insulation board mills which perform coating operations at their primary mill locations are classified in industry 2952. Pulp mills combined with building paper and building board mills and not separately reported are also included in this industry; when separately reported, they are classified in industry 2611. As noted previously in connection with industry 2611, paper and board mills at the same physical location were not required in either the 1963 or the 1958 Census of Manufactures to submit a separate report for the pulpmill operations. This reporting requirement had less effect on the general statistics of mills primarily engaged in producing building paper and board than on those producing paperboard and paper, except building paper.
- 27 PRINTING, PUBLISHING, AND ALLIED INDUSTRIES
- This major group includes establishments engaged in printing by one or more of the common processes, such as letterpress, lithography, gravure, or screen; and those establishments which perform services for the printing trade, such as bookbinding, typesetting, engraving, photoengraving, and electrotyping. This major group also includes establishments engaged in publishing newspapers, books, and periodicals, whether or not they do their own printing. News syndicates are classified in service industries and textile printing and finishing in Major Group 22.
- 271 NEWSPAPERS: PUBLISHING, PUBLISHING AND PRINTING:
2711 Newspapers: Publishing, Publishing and Printing (S-96; C-100).—Establishments primarily engaged in publishing newspapers or in publishing and printing newspapers. These establishments carry on the various operations necessary for issuing newspapers, including the gathering of news, and the preparation of editorials and advertisements, but may or may not perform their own printing. Commercial printing is frequently carried on by establishments engaged in publishing and printing newspapers, but even though the commercial printing may be of major importance such establishments are included in this industry.
- Establishments not engaged in publishing newspapers, but which print or lithograph newspapers for publishers, are classified in industry 2751 or industry 2752. News syndicates are classified in service industries. Establishments primarily engaged in publishing shopping news are classified in industry 2741.
- Publications have been classified as periodicals (industry 2721) rather than as newspapers if their news and editorial presentations are not typically directed to the public at large. Where the news is of general interest, publications are considered periodicals if they are not the primary printed source of such news. Among the types of publications sometimes considered newspapers, but treated in the census as periodicals, are the following: Trade journals; house organs, local church or school papers and like publications with very limited or specialized news treatment. Generally, publications issued by nonprofit organizations (educational, religious, charitable, labor, business, professional, etc.) are classified as periodicals, as are magazine and comic supplements for Sunday newspapers.
- 272 PERIODICALS: PUBLISHING, PUBLISHING AND PRINTING:
2721 Periodicals: Publishing, Publishing and Printing (S-89; C-96).—Establishments primarily engaged in publishing periodicals or

in preparing, publishing, and printing periodicals. These establishments carry on the various operations necessary for issuing periodicals, but may or may not perform their own printing. Establishments not engaged in publishing periodicals, but which print periodicals for publishers, are classified in industry 2751 or industry 2752.

Data on the periodical publishing activities of nonprofit organizations (religious, educational, social, charitable, etc.) have been included to the extent that the employees of such organizations were covered under the Social Security System.

273 BOOKS:

2731 Books: Publishing, Publishing and Printing (S-93; C-88).—Establishments primarily engaged in publishing only or in publishing and printing books and pamphlets. Establishments primarily engaged in printing or in printing and binding (but not publishing) books and pamphlets are classified in industry 2732.

Industry 2731 also includes data on book publishing activities obtained from nonprofit organizations whose employees are covered under the Social Security System and were able to report their book publishing operations as a separate establishment.

2732 Book Printing (S-78; C-69).—Establishments primarily engaged in printing only or in printing and binding books and pamphlets, but not in publishing. Establishments primarily engaged in publishing or in publishing and printing books and pamphlets are classified in industry 2731. Establishments engaged in both printing and binding books, but primarily binding books printed elsewhere, are classified in industry 2789.

Establishments classified in industry 2732 are similar in character to some establishments primarily engaged in commercial letterpress printing (industry 2751) and in commercial lithography (industry 2752). The distinction is that the establishments classified in industry 2732 derive the greater part of their revenue from printing books and pamphlets, while such operations are secondary activities for establishments classified in industries 2751 and 2752.

274 MISCELLANEOUS PUBLISHING:

2741 Miscellaneous Publishing (S-92; C-84).—Establishments primarily engaged in miscellaneous publishing activities, n.e.c., whether or not engaged in printing. Establishments primarily engaged in offering financial, credit, or other business services and which may publish directories as part of this service are not included in this industry but are classified in service industries.

This industry comprises establishments primarily engaged in publishing such products as maps, atlases, sheet music, directories, almanacs, catalogs, globe covers, racing forms, and shopping news, or engaged in miscellaneous publishing activities, n.e.c., whether or not engaged in printing. Establishments primarily engaged in printing such products and not engaged in publishing are classified in industry 2751 or industry 2752, depending on the primary printing process employed. Establishments primarily engaged in publishing greeting cards are classified in industry 2771.

275 COMMERCIAL PRINTING:

2751 Commercial Printing, Except Lithographic (S-86; C-79).—Establishments primarily engaged in commercial or job printing, except lithographic. This industry includes general printing shops, as well as shops specializing in printing newspapers and periodicals for others, and those which specialize in gravure, rotogravure, and screen process printing. Establishments primarily engaged in printing books, without publishing, are classified in industry 2732, and greeting cards in industry 2771. Establishments primarily engaged in printing from lithographic plates are classified in industry 2752.

2752 Commercial Printing, Lithographic (S-80; C-82).—Establishments primarily engaged in printing by the lithographic process. The greater part of the work in this industry is performed on a job or custom basis, but in some cases lithographed calendars, maps, posters, decalcomanias, etc., are made for sale. Offset printing, photo-offset printing, and photolithography are also included in this industry. Establishments primarily engaged in lithographing books and pamphlets, without publishing, are classified in industry 2732 and greeting cards in industry 2771.

2753 Engraving and Plate Printing (S-89; C-79).—Establishments primarily engaged in engraving and etching steel, copper, wood, or rubber plates; in using these plates to print stationery, visiting and other cards, invitations, maps, etc.; and in making woodcuts for use in printing illustrations, posters, etc. Engraving for purposes other than printing is classified in industry 3479. Establishments primarily engaged in preparing photoengraved plates (halftones and linecuts) are classified in industry 2793.

276 MANIFOLD BUSINESS FORMS MANUFACTURING:

2761 Manifold Business Forms Manufacturing (S-90; C-91).—Establishments primarily engaged in designing and printing, by any process, special forms for use in the operation of a business, in single and multiple sets, including carbonized or interleaved with carbon or otherwise processed for multiple reproduction. The principal types of manifold business forms are continuous, unit-set, and salesbooks.

277 GREETING CARD MANUFACTURING:

2771 Greeting Card Manufacturing (S-92; C-96).—Establishments primarily engaged in designing only, manufacturing only, or designing and manufacturing greeting cards for all occasions. These products may be printed, lithographed, etched, or otherwise processed.

278 BOOKBINDING AND RELATED INDUSTRIES:

2782 Blankbooks; Looseleaf Binders and Devices (S-88; C-88).—Establishments primarily engaged in manufacturing blankbooks, looseleaf devices, and library binders.

2789 Bookbinding and Miscellaneous Related Work (S-95; C-83).—Establishments primarily engaged in edition, trade, job, and library bookbinding; in book or paper bronzing, gilding, and edging; in map and sample mounting; and other services related to bookbinding. Establishments primarily binding books printed elsewhere are classified in this industry, but those primarily binding books printed in the same establishment are classified in Industry Group 273.

279 SERVICE INDUSTRIES FOR THE PRINTING TRADE:

2791 Typesetting (S-95; C-90).—Establishments primarily engaged in machine and hand typesetting for the trade and in advertising typography.

2793 Photoengraving (S-95; C-91).—Establishments primarily engaged in preparing photoengraved plates (halftones and linecuts). These establishments do not, as a rule, print from the plates which they make, but prepare them for use by others.

2794 Electrotyping and Stereotyping (S-87; C-86).—Establishments primarily engaged in preparing electrotype and stereotype plates. These establishments do not, as a rule, print from the plates which they make, but prepare them for use by others.

28

CHEMICALS AND ALLIED PRODUCTS

This major group includes establishments producing basic chemicals and establishments manufacturing products by predominantly chemical processes. Establishments classified in this major group manufacture three general classes of products: (1) Basic chemicals such as acids, alkalies, salts, and organic chemicals; (2) chemical products to be used in further manufacture such as synthetic fibers, plastics materials, dry colors, and pigments; (3) finished chemical products to be used for ultimate consumption such as drugs, cosmetics, and soaps; or to be used as materials or supplies in other industries such as paints, fertilizers, and explosives. The mining of natural rock salt is classified in mining industries. Establishments primarily engaged in manufacturing nonferrous metals and high percentage ferroalloys are classified in Major Group 33; silicon carbide in Major Group 32; baking powder, other leavening compounds, and starches in Major Group 20; and embalming fluids and artists' colors in Major Group 39. Establishments primarily engaged in packaging, repackaging, and bottling of purchased chemical products, but not engaged in manufacturing chemicals and allied products, are classified in trade industries.

281 INDUSTRIAL INORGANIC AND ORGANIC CHEMICALS:

2812 Alkalies and chlorine (S-66; C-79).—Establishments primarily engaged in manufacturing sodium hydroxide (caustic soda), potassium hydroxide (caustic potash), soda ash, potassium carbonate, sodium bicarbonate, sal soda, and chlorine. Establishments primarily engaged in manufacturing ammonium compounds or alkali metals are classified in industry 2819 and

plants primarily engaged in mining natural potassium or sodium alkalis are classified in SIC industry 1474.

282 PLASTICS MATERIALS AND SYNTHETIC RESINS, SYNTHETIC RUBBER, SYNTHETIC AND OTHER MAN-MADE FIBERS, EXCEPT GLASS:

2821 Plastics Materials, Synthetic Resins, and Nonvulcanizable Elastomers (S-84; C-64).—Establishments primarily engaged in manufacturing synthetic resins, plastics materials, and nonvulcanizable elastomers. Important products of this industry include: Cellulose plastic materials; phenolic and other tar acid resins; urea and melamine resins; vinyl resins; styrene resins; alkyd resins; acrylic resins; polyethylene resins; rosin modified resins; coumarone-indene and petroleum polymer resins; and miscellaneous resins, including polyamid resins, silicones, polyisobutylenes, polyesters; vulcanized fiber; casein plastics; and regenerated cellulose. This classification does not include nonchemical manufacturers who merely purchase resin or plastics materials to produce fabricated plastics products, film, and sheets, classified in industry 3079.

2822 Synthetic Rubber (Vulcanizable Elastomers) (S-92; C-80).—Establishments primarily engaged in manufacturing synthetic rubber by polymerization or copolymerization. An elastomer for the purpose of this classification is a rubber-like material capable of vulcanization, such as copolymers of butadiene and styrene, or butadiene and acrylonitrile, polybutadienes, chloroprene rubbers, and isobutylene-isoprene copolymers. Butadiene copolymers containing less than 50% butadiene are classified in industry 2821. Chlorinated rubber and cyclized rubbers are considered as semifinished products and are classified in industry 3069.

2823 Cellulosic Man-Made Fibers (S-D; C-D).—Establishments primarily engaged in manufacturing cellulosic fibers (including cellulose acetate and regenerated cellulose such as rayon by the viscose or cuprammonium process) in the form of monofilament, yarn, staple or tow suitable for further manufacturing on spindles, looms, knitting machines or other textile processing equipment. Establishments primarily engaged in manufacturing textile glass fibers are classified in industry 3229.

2824 Synthetic Organic Fibers, Except Cellulosic (S-95; C-97).—Establishments primarily engaged in manufacturing synthetic organic fibers except cellulosic (including those of regenerated proteins, and of polymers or copolymers of such components as vinyl chloride, vinylidene chloride, linear esters, vinyl alcohols, acrylonitrile, ethylenes, amides, and related polymeric materials) in the form of monofilament, yarn, staple or tow suitable for further manufacturing on spindles, looms, knitting machines or other textile processing equipment. Establishments primarily engaged in manufacturing textile glass fibers are classified in industry 3229.

283 DRUGS:

2831 Biological Products (S-88; C-45).—Establishments primarily engaged in the production of bacterial and virus vaccines, toxoids and analogous products (such as allergenic extracts), serums, plasmas, and other blood derivatives for human or veterinary use. Excluded are the activities of the American Red Cross, hospitals, and other institutions which are important collectors of blood and producers of blood products.

2833 Medicinal Chemicals and Botanical Products (S-71; C-47).—Establishments primarily engaged in (1) manufacturing bulk organic and inorganic chemicals and their derivatives, and (2) processing (grading, grinding, and milling) bulk botanical drugs and herbs. Establishments primarily engaged in manufacturing agar-agar and similar products of natural origin, endocrine products, manufacturing or isolating basic vitamins, and isolating active medicinal principles such as alkaloids from botanical drugs and herbs are also included in this industry. Establishments primarily engaged in manufacturing reagent and chemically pure grades (other than United States Pharmacopoeia or National Formulary) of inorganic and organic chemicals are classified in industries 2819 and 2818, respectively.

2834 Pharmaceutical Preparations (S-87; C-94).—Establishments primarily engaged in manufacturing, fabricating, or processing drugs into pharmaceutical preparations for human or veterinary use. The greater part of the products of these establishments are finished in the form intended for final consumption, such as tablets, capsules, ointments, solutions and suspensions. Products of this industry consist of two important lines, namely, (1) pharmaceutical preparations primarily advertised or otherwise promoted to or prescribed by the health professions:

2813 Industrial Gases (S-98; C-87).—Establishments primarily engaged in manufacturing gases for sale in compressed, liquid, and solid forms. Establishments primarily engaged in manufacturing fluorine, ammonia, and sulfur dioxide are classified in industry 2819 and chlorine in industry 2812. Distributors of industrial gases and establishments primarily engaged in shipping liquid oxygen are classified in trade. Natural gasoline plants engaged in the production of gases in compressed and liquefied form are classified in mining industries and petroleum refineries producing these gases in industry 2911.

2814 Cyclic (coal tar) Crudes (S-D; C-D).—Establishments primarily engaged in manufacturing crudes from coal tar. Such crudes include: (1) Light oils and light oil products; (2) coal tar acids; and (3) products of medium and heavy oil such as creosote oil, naphthalene, anthracene, and their higher homologues, and tar. Establishments primarily engaged in manufacturing coal tar crudes in chemical recovery ovens are classified in industry 3312, and petroleum refineries which produce such products in industry 2911.

2815 Dyes, Dye (Cyclic) Intermediates, and Organic Pigments (lakes and toners) (S-69; C-65).—Establishments primarily engaged in manufacturing cyclic organic intermediates, dyes, color lakes and toners. Important products of this industry include: (1) Derivatives of benzene, toluene, naphthalene, anthracene, pyridine, carbazole, and other cyclic chemical products; (2) synthetic organic dyes; and (3) synthetic organic pigments.

2816 Inorganic Pigments (S-91; C-87).—Establishments primarily engaged in manufacturing inorganic pigments. Important products of this industry include black pigments (except carbon black, industry 2895), white pigments, and color pigments. Organic color pigments are classified in industry 2815.

2818 Industrial Organic Chemicals, N.E.C. (S-72; C-81).—Establishments primarily engaged in manufacturing industrial organic chemicals, n.e.c. Important products of this industry include: (1) Noncyclic organic chemicals such as acetic, chloroacetic, adipic, formic, oxalic and tartaric acids and their metallic salts; chloral, formaldehyde and methylamine; (2) solvents such as amyl, butyl and ethyl alcohols; methanol; amyl, butyl and ethyl acetates; ethyl ether, ethylene glycol ether and diethylene glycol ether; acetone, carbon disulfide and chlorinated solvents such as carbon tetrachloride, perchloroethylene and trichloroethylene; (3) polyhydric alcohols such as ethylene glycol, sorbitol, pentaerythritol; (4) synthetic perfume and flavoring materials such as coumarin, methyl salicylate, saccharin, citral, citronellal, synthetic geraniol, ionone, terpineol, and synthetic vanillin; (5) rubber processing chemicals such as accelerators and antioxidants, both cyclic and acyclic; (6) plasticizers, both cyclic and acyclic, such as esters of phosphoric acid, phthalic anhydride, adipic acid, lauric acid, oleic acid, sebacic acid, and stearic acid; (7) synthetic tanning agents such as naphthalene sulfonic acid condensates; (8) chemical warfare gases; and (9) esters, amines, etc. of polyhydric alcohols and fatty and other acids. Establishments primarily engaged in manufacturing plastic materials and nonvulcanizable elastomers are classified in industry 2821; synthetic rubber in industry 2822; essential oils in industry 2899; wood distillation products, naval stores, and natural dyeing and tanning materials in Industry Group 286; rayon and other synthetic fibers in industries 2823 and 2824; specialty cleaning, polishing, and sanitation preparations in industry 2842; and paints and pigments in Industry Group 285. Distilleries engaged in the manufacture of grain alcohol for beverage purposes are classified in industry 2085.

2819 Industrial Inorganic Chemicals, N.E.C. (S-88; C-74).—Establishments primarily engaged in manufacturing industrial inorganic chemicals, n.e.c. Important products of this industry include inorganic salts of sodium (excluding refined sodium chloride), potassium, aluminum, calcium, chromium, magnesium, mercury, nickel, silver, tin; inorganic compounds such as alums, calcium carbide, hydrogen peroxide, phosphates, sodium silicate, ammonia compounds and anhydrous ammonia; fertilizer materials such as muriate and sulfate of potash; rare earth metal salts and elemental bromine, fluorine, iodine, phosphorous, and alkali metals (sodium, potassium, lithium, etc.).

medical, dental, pharmaceutical, nursing, etc.; and (2) pharmaceutical preparations primarily advertised or otherwise promoted to the general public. Establishments compounding drugs and medicines and selling these "over the counter" are classified in trade industries.

284 SOAP, DETERGENTS AND CLEANING PREPARATIONS, PERFUMES, COSMETICS, AND OTHER TOILET PREPARATIONS:

2841 Soap and Other Detergents, Except Specialty Cleaners (S-82; C-92).—Establishments primarily engaged in manufacturing soap, synthetic organic detergents, inorganic alkaline detergents, or any combination thereof, and establishments producing crude and refined glycerine from vegetable and animal fats and oils. Establishments primarily engaged in manufacturing shampoos or shaving products, whether from soap or synthetic detergents, are classified in industry 2844 and synthetic glycerin in industry 2818.

2842 Specialty Cleaning, Polishing, and Sanitation Preparations, Except Soap and Detergents (S-82; C-72).—Establishments primarily engaged in the manufacture of furniture and automobile body polish and cleaners, floor polish and shoe polishes and cleaners; dressings and finishes for fabricated leather and other materials; household insecticides and repellants and industrial exterminants; household, institutional, and industrial plant disinfectants and deodorants; fabric softeners and laundry starch preparations; and other sanitation preparations.

2843 Surface Active Agents, Finishing Agents, Sulfonated Oils and Assistants (S-80; C-47).—Establishments primarily engaged in producing surface active preparations for use as wetting agents, emulsifiers, and penetrants. Establishments engaged in producing sulfonated oils and fats and related products are also included.

2844 Perfumes, Cosmetics, and Other Toilet Preparations (S-91; C-84).—Establishments primarily engaged in manufacturing perfumes (natural and synthetic), cosmetics, and other toilet preparations. This industry also includes establishments primarily engaged in blending and compounding perfume bases, and those manufacturing shampoos and shaving products, whether from soap or synthetic detergents. Establishments primarily engaged in manufacturing synthetic perfume and flavoring materials are classified in industry 2818 and essential oils in industry 2899.

285 PAINTS, VARNISHES, LACQUERS, ENAMELS, AND ALLIED PRODUCTS:

2851 Paints, Varnishes, Lacquers, and Enamels, and Allied Products (S-95; C-96).—Establishments primarily engaged in the manufacture of paints (in paste and ready-mixed form), varnishes, lacquers, enamels, and shellac; putties and caulking compounds; wood fillers and sealers; paint and varnish removers; paint brush cleaners, and allied paint products.

The code number for this industry in the Standard Industrial Classification Manual is unchanged, but the content of the industry has been slightly changed from the classification system used in 1958. The change in the composition of the industry as now constituted, compared with that under the classification system followed in the 1958 census, is due principally to the inclusion of industry 2852 in 1963.

286 GUM AND WOOD CHEMICALS:

2861 Gum and Wood Chemicals (S-74; C-77).—Establishments primarily engaged in manufacturing hardwood and softwood distillation products, wood and gum naval stores, charcoal, natural dyestuffs, and natural tanning materials, tall oil and rosin, and rosin acid products. Establishments primarily engaged in manufacturing synthetic tanning materials are classified in industry 2818, synthetic dyes in industry 2815, and synthetic organic chemicals in industry 2818.

287 AGRICULTURAL CHEMICALS:

2871 Fertilizers (S-89; C-97).—Establishments primarily engaged in manufacturing mixed fertilizers (mixtures containing nitrogen, phosphoric acid (P_2O_5) or potash), from one or more fertilizer materials produced in the same establishment. Sulfuric, phosphoric, and nitric acid plants operated in conjunction with fertilizer plants and separately reported are classified in industry 2819. When separate reports are not available these acid plants are classified in this industry. Establishments engaged in manufacturing urea are classified in industry 2818. Establishments primarily engaged in mining, milling, or otherwise preparing natural potassium, sodium, or boron compounds

(other than common salt) are classified in industry 1474. Establishments primarily engaged in manufacturing mixed fertilizers from purchased fertilizer materials are classified in industry 2872.

2872 Fertilizers, Mixing Only (S-94; C-96).—Establishments primarily engaged in mixing fertilizers from purchased fertilizer materials. Establishments primarily engaged in bulk blending of purchased fertilizer materials mostly for sale directly to the consumer are classified in retail trade.

2879 Agricultural Pesticides and Other Agricultural Chemicals, N.E.C. (S-87; C-69).—Establishments primarily engaged in the formulation and preparation of ready-to-use agricultural pest control chemicals, including insecticides, fungicides, rodenticides, and herbicides from technical chemicals and concentrates, and the manufacture and formulation of miscellaneous agricultural chemicals, n.e.c., such as minor or trace elements, soil conditioners, etc.

Establishments primarily engaged in manufacturing basic or technical agricultural pest control chemicals including insecticides, fungicides, rodenticides and herbicides, such as lead and calcium arsenates, copper sulfate, DDT, BHC, 2, 4-D, carbonates, etc. are classified in Industry Group 281. Establishments primarily engaged in the production of household pesticides are classified in industry 2842, while establishments primarily engaged in manufacturing agricultural lime products are classified in Major Group 32.

The industry code 2879 for 1963 represents a change from the classification structure existing in 1958. In 1963 the industry combines two 1958 industries: 2873 and 2879.

289 MISCELLANEOUS CHEMICAL PRODUCTS:

2891 Glue and Gelatin (S-83; C-72).—Establishments primarily engaged in manufacturing (1) industrial and household adhesives, glues, sizes, and cements from vegetable, animal, purchased synthetic resins or synthetic resin and rubber combinations; and (2) edible, technical, photographic, or pharmaceutical gelatins from animal material. Establishments primarily engaged in manufacturing dessert preparations based on gelatin are classified in industry 2099, vegetable gelatin or agar-agar in industry 2833, rubber cement in industry 3069, and asbestos cement in industry 3292.

2892 Explosives (S-88; C-94).—Establishments primarily engaged in manufacturing explosives such as sporting powder, blasting powder, high explosives, nitrated carbohydrates, safety fuses, and blasting and detonating caps. Included in this industry are government-owned plants operated by private firms for the account of the Federal Government. Establishments primarily engaged in manufacturing ammunition for small arms are classified in Industry Group 196 and fireworks and pyrotechnics such as flares (all kinds) and railroad torpedoes, in industry 2899. Establishments primarily engaged in shooting wells and also engaged in manufacturing nitroglycerine are included in the mineral industries.

2893 Printing Ink (S-93; C-92).—Establishments primarily engaged in manufacturing printing ink, gravure ink, screen process ink, and lithographic ink. Establishments primarily engaged in manufacturing writing and stamp pad inks are classified in industry 2899 and varnishes for printers' inks in industry 2851.

2895 Carbon Black (S-D; C-D).—Establishments primarily engaged in manufacturing carbon black (channel and furnace black). Establishments primarily engaged in manufacturing bone black and lamp black are classified in industry 2816.

2899 Chemical Preparations, N.E.C. (S-82; C-71).—Establishments primarily engaged in the manufacture of miscellaneous chemical preparations, n.e.c., such as essential oils, fireworks, automotive chemical specialties, and evaporated salt; industrial compounds, such as boiler and heat insulating compounds, metal, oil and water treating compounds, water proofing compounds and chemical supplies for foundries; fatty acids, such as stearic, oleic, fish and marine, coconut-type fatty acids, and other unsaturated fatty acids fractionated from vegetable and animal oils and fats.

The code number for this industry in the Standard Industrial Classification Manual is unchanged, but the content of the industry has been slightly changed from the classification

system used in 1958. The composition of the industry as now constituted, compared with that under the classification system followed in the 1958 census, is due principally to a change in definition of industry 2899 to include fatty acids and the subsequent reclassification of establishments formerly included in the old industry 2894, fatty acids, to industry 2899.

29 PETROLEUM REFINING AND RELATED INDUSTRIES

This major group includes establishments primarily engaged in petroleum refining, manufacturing paving and roofing materials, and compounding lubricating oils and greases from purchased materials. Establishments manufacturing and distributing gas to consumers are classified in public utilities industries and those primarily engaged in producing coke and byproducts in Major Group 33.

291 PETROLEUM REFINING:

2911 Petroleum Refining (S-98; C-97⁹).—Establishments primarily engaged in producing gasoline, kerosene, distillate fuel oils, residual fuel oils, lubricants and other products from crude petroleum, and its fractionation products either through straight distillation of crude oil, redistillation of unfinished petroleum derivatives, cracking, or other processes. Establishments primarily engaged in producing natural gasoline from natural gas are classified in mining industries. Those manufacturing lubricating oils and greases by blending and compounding purchased materials are included in industry 2992.

295 PAVING AND ROOFING MATERIALS:

2951 Paving Mixtures and Blocks (S-92; C-89).—Establishments primarily engaged in manufacturing asphalt and tar paving mixtures, and paving blocks made of asphalt, creosoted wood, and various compositions of asphalt or tar with other materials. Establishments primarily engaged in manufacturing brick, concrete, granite, and stone paving blocks are classified in Major Group 32.

2952 Asphalt Felts and Coatings (S-90; C-92).—Establishments primarily engaged in manufacturing asphalt and other saturated roofing felts in roll or shingle form, either smooth or faced with grit, and in manufacturing roofing cements and coatings. Establishments primarily engaged in manufacturing paint are classified in industry 2851.

299 MISCELLANEOUS PRODUCTS OF PETROLEUM AND COAL:

2992 Lubricating Oils and Greases (S-91; C-33¹⁰).—Establishments primarily engaged in blending and compounding lubricating oils and greases from purchased mineral, animal, and vegetable materials. Petroleum refineries engaged in the production of lubricating oils and greases are classified in industry 2911.

2999 Products of Petroleum and Coal, N.E.C. (S-96; C-91).—Establishments primarily engaged in manufacturing fuel briquets, boulets, packaged fuel, powdered fuel, and other products of petroleum and coal, n.e.c. Wood charcoal briquets are classified in industry 2861.

30 RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS

This major group includes establishments manufacturing from natural, synthetic, or reclaimed rubber, gutta percha, balata, or gutta siak, rubber products such as tires, rubber footwear, mechanical rubber goods, heels and soles, flooring, and rubber sundries. This group also includes establishments engaged in molding primary plastics for the trade and manufacturing miscellaneous finished plastics products. The manufacture of elastic webbing is classified in Major Group 22, products made of elastic webbing and garments made from rubberized fabrics in Major Groups 23, synthetic rubber in industry 2822, and plastics materials in the form of sheets, rods, tubes, granules, powders, or liquids made from resins produced in the same establishment, in industry 2821.

301 TIRES AND INNER TUBES:

3011 Tires and Inner Tubes (S-D; C-99).—Establishments primarily engaged in manufacturing pneumatic casings, inner tubes, and solid and cushion tires for all types of vehicles, airplanes, farm equipment, and children's vehicles, as well as tire repair, and tire retreading (camelback) materials.

302 RUBBER FOOTWEAR:

3021 Rubber Footwear (S-93; C-90).—Establishments primarily engaged in manufacturing all-rubber footwear, waterproof fabric upper footwear, and other fabric upper footwear having rubber

soles vulcanized to the uppers. Establishments primarily engaged in manufacturing rubber, composition, and fiber heels, soles, soling strips, and related shoe making and repairing materials are classified in industry 3069.

303 RECLAIMED RUBBER:

3031 Reclaimed Rubber (S-D; C-77).—Establishments primarily engaged in reclaiming rubber from used tires, scrap, and miscellaneous waste rubber articles by processes which result in a devulcanized, depolymerized, or regenerated replasticized product containing added ingredients. This product is sold for use as a raw material in the manufacture of rubber goods with or without a mixture with natural or synthetic rubber. Establishments primarily engaged in the assembly and wholesale of scrap rubber are classified in trade industries.

306 FABRICATED RUBBER PRODUCTS, N.E.C.:

3069 Fabricated Rubber Products, N.E.C. (S-86; C-89).—Establishments primarily engaged in manufacturing industrial and mechanical rubber goods, rubberized fabrics and vulcanized rubber clothing, and miscellaneous rubber specialties and sundries. Establishments primarily engaged in rebuilding and retreading tires are classified in industry 7534, that is, in nonmanufacturing.

307 MISCELLANEOUS PLASTICS PRODUCTS:

3079 Miscellaneous Plastics Products (S-92; C-80).—Establishments primarily engaged in molding primary plastics for the trade, in manufacturing film, sheets, sheeting, rods, tubes, and other stock shapes from purchased resins, and in fabricating miscellaneous finished plastics products. Establishments primarily engaged in manufacturing plastics materials in the form of sheets, rods, tubes, granules, powders, or liquids made from resins produced in the same establishment are classified in industry 2821 and those primarily engaged in manufacturing artificial leather in industry 2295.

31 LEATHER AND LEATHER PRODUCTS

This major group includes establishments engaged in tanning, currying, and finishing hides and skins, and establishments manufacturing finished leather and artificial leather products and some similar products made of other materials. Leather converters are also included; such converters purchase hides and skins and have them processed into leather on a contract basis by others.

311 LEATHER TANNING AND FINISHING:

3111 Leather Tanning and Finishing (S-99; C-100).—Establishments primarily engaged in tanning, currying, and finishing hides and skins into leather. Leather converters are classified in this industry.

312 INDUSTRIAL LEATHER BELTING AND PACKING:

3121 Industrial Leather Belting and Packing (S-89; C-84).—Establishments primarily engaged in manufacturing industrial leather products, such as transmission belting, mechanical packings, and textile leathers. Establishments primarily engaged in manufacturing leather gaskets are classified in industry 3293, rubber belting and packing are included in industry 3069, plastic belting and packing in industry 3079, and metallic packing in industry 3599.

313 BOOT AND SHOE CUT STOCK AND FINDINGS:

3131 Boot and Shoe Cut Stock and Findings (S-93; C-94).—Establishments primarily engaged in manufacturing leather soles, inner soles, and other boot and shoe cut stock and findings. This industry also includes finished wood heels. Establishments primarily engaged in manufacturing heels, soling strips, and soles made of rubber, composition, plastics, and fiber are classified in Major Group 30.

314 FOOTWEAR, EXCEPT RUBBER:

3141 Footwear, Except House Slippers and Rubber Footwear (S-99; C-99).—Establishments primarily engaged in the production of boots and shoes designed primarily for street, work, play, or sport wear. Establishments primarily engaged in the production of such protective footwear as rubbers, rubber boots, storm shoes, galoshes, and other footwear with rubber soles vulcanized to the uppers are classified in industry 3021; and house slippers in industry 3142. Footwear made by custom boot makers is covered in the census of business.

3142 House Slippers (S-90; C-85).—Establishments manufacturing house slippers of leather or other materials, except as noted. Establishments primarily engaged in making vulcanized rubber slippers (beach and shower slippers, scuffs, etc.) are classified

in industry 3021, wooden slippers including wooden clogs are classified in industry 2499, and paper bath slippers in industry 2649. Knitting mills producing slipper socks are classified in industry 2252.

315 LEATHER GLOVES AND MITTENS:

3151 Leather Dress, Semidress, and Work Gloves (S-81; C-89).—Establishments primarily engaged in manufacturing dress, semidress, and work gloves exclusively of leather. Establishments primarily engaged in manufacturing sporting and athletic gloves are classified in industry 3949, knit gloves in industry 2259, and dress, semidress, and work gloves and mittens of cloth, or cloth and leather combined, in industry 2381.

316 LUGGAGE:

3161 Luggage (S-95; C-94).—Establishments primarily engaged in manufacturing luggage of leather or other materials. Among the products included in this industry are suitcases, briefcases, trunks, hat boxes (except paper or paperboard), and camera and binocular cases. Establishments primarily engaged in manufacturing luggage hardware are classified in industry 3429.

317 HANDBAGS AND OTHER PERSONAL LEATHER GOODS:

3171 Women's Handbags and Purses (S-98; C-98).—Establishments primarily engaged in manufacturing women's handbags and purses of leather or other materials, except precious metal (industry 3911).

3172 Personal Leather Goods, Except Handbags and Purses (S-96; C-92).—Establishments primarily engaged in manufacturing small articles such as billfolds, keycases, and coin purses of leather or other materials, except precious metal (industry 3911).

319 LEATHER GOODS, N.E.C.:

3191 Leather Goods, N.E.C. (S-94; C-82).—Establishments primarily engaged in manufacturing leather goods, n.e.c., such as saddlery, harness, and whips; embossed leather goods; leather desk sets; and razor strops.

Establishments primarily engaged in manufacturing leather garments are classified in industry 2386, leather belts in industry 2387, leather gaskets in industry 3293, leather buffing and polishing wheels in industry 3291, and leather costume jewelry in industry 3961.

32 STONE, CLAY, AND GLASS PRODUCTS

This major group includes establishments engaged in manufacturing flat glass and other glass products, cement, structural clay products, pottery, concrete and gypsum products, cut stone products, abrasive and asbestos products, etc., from materials taken principally from the earth in the form of stone, clay, and sand. When separate reports are available for mines and quarries operated by manufacturing establishments classified in this major group, the mining activities are classified in mining industries; when separate reports are not available, the mining activities are classified with the manufacturing operations and classified herein.

321 FLAT GLASS:

3211 Flat Glass (S-90¹¹; C-D).—Establishments primarily engaged in manufacturing flat glass, including plate glass, clear window glass, rolled glass, figured and wire glass, opalescent and obscured glass, and cathedral and skylight glass. This industry also includes establishments that produce laminated glass from glass produced in the same establishment. Establishments primarily engaged in manufacturing laminated glass from purchased flat glass are classified in industry 3231.

322 GLASS AND GLASSWARE, PRESSED OR BLOWN:

3221 Glass Containers (S-99; C-99).—Establishments primarily engaged in manufacturing glass containers for commercial packing and bottling and for home canning. Products of this industry may be machine-made or hand-made and include ampoules, carboys, cosmetic jars, fruit jars, medicine bottles, milk bottles, vials, and beverage and beer bottles.

3229 Pressed and Blown Glass and Glassware, N.E.C. (S-96; C-97).—Establishments primarily engaged in manufacturing glass and glassware, n.e.c., pressed, blown, or shaped from glass produced in the same establishment. Establishments primarily engaged in manufacturing textile glass fibers are also included in this industry, but establishments primarily engaged in manufacturing glass wool insulation products are classified in industry 3296.

Establishments primarily engaged in the production of pressed lenses for headlights, beacons, and lanterns are also included in this industry, but establishments primarily engaged in the production of optical lenses are classified in industry 3831. Establishments primarily engaged in manufacturing glass containers are classified in industry 3221 and complete electric light bulbs in industry 3641.

323 GLASS PRODUCTS MADE OF PURCHASED GLASS:

3231 Glass Products Made of Purchased Glass (S-90¹¹; C-D).—Establishments primarily engaged in manufacturing glass products from purchased glass, including laminated or safety glass, stained, leaded, ornamented, and decorated glass; mirrors; cutware; scientific-apparatus glass; glass novelties; mosaic glass; round glass; cut, beveled, and etched glass; and glass watch crystals. Establishments primarily engaged in manufacturing optical lenses and ophthalmic lenses are classified in Major Group 38, Instruments and Related Products; glass fabrics in industry 2221, glass insulation in industry 3296, glass fishing rods in industry 3949.

324 CEMENT, HYDRAULIC:

3241 Cement, Hydraulic (S-99; C-100).—Establishments primarily engaged in manufacturing hydraulic cement, including portland, natural, masonry, and puzzolan cements.

325 STRUCTURAL CLAY PRODUCTS:

3251 Brick and Structural Clay Tile (S-98; C-98).—Establishments primarily engaged in manufacturing clay building brick, vitrified paving brick and hollow structural tile. Establishments primarily engaged in manufacturing clay firebrick are classified in industry 3255, nonclay firebrick in industry 3297, and lime brick in industry 3299, and glass brick in industry 3229.

3253 Ceramic Wall and Floor Tile (S-95; C-99).—Establishments primarily engaged in manufacturing ceramic mosaic tile, glazed wall tile, quarry tile, and other types of ceramic wall and floor tile. Establishments primarily engaged in manufacturing hollow structural tile and ceramic and salt glazed facing tile are classified in industry 3251, drain tile in industry 3259, asphalt floor tile in industry 3292, rubber tile in industry 3069, cork wall and floor tile in industry 2499, and other hard surface floor coverings in industry 3982. China and earthenware bathroom accessories (towel racks, soap cups, etc.) are classified in industry 3261.

3255 Clay Refractories (S-91; C-93).—Establishments primarily engaged in manufacturing clay firebrick, crucibles, and other heat-resisting clay products such as glass-house tank blocks, stoppers, floaters, and rings. Establishments primarily engaged in manufacturing nonclay refractories, as well as all graphite refractories whether of carbon bond or ceramic bond, are classified in industry 3297.

3259 Structural Clay Products N.E.C. (S-89; C-95).—Establishments primarily engaged in manufacturing clay sewer pipe and kindred products made of clay, and structural clay products, n.e.c., such as architectural terra cotta, roofing tile, stove lining, flue lining, chimney pipes, thimbles and tops, wall coping, segment blocks, drain tile and adobe brick. Establishments primarily engaged in manufacturing concrete sewer pipe are classified in industry 3272, cast iron sewer pipe in industry 3321, and plastic pipe in industry 3079.

326 POTTERY AND RELATED PRODUCTS:

3261 Vitreous China Plumbing Fixtures and China and Earthenware Fittings and Bathroom Accessories (S-97; C-97).—Establishments primarily engaged in manufacturing china plumbing fixtures and china and earthenware fittings and bathroom accessories.

3262 Vitreous China Table and Kitchen Articles (S-90; C-91).—Establishments primarily engaged in manufacturing vitreous china table and kitchen articles for use in households and in hotels, restaurants, and other commercial institutions for preparing, serving, or storing food or drink. Establishments primarily engaged in manufacturing fine (semivitreous) types of earthenware (whiteware) table and kitchen articles are classified in industry 3263.

3263 Fine Earthenware (Whiteware) Table and Kitchen Articles (S-92; C-91).—Establishments primarily engaged in manufacturing fine (semivitreous) types of earthenware table and kitchen articles for preparing, serving, or storing food or drink. Establishments primarily engaged in manufacturing vitreous china table and kitchen articles are classified in industry 3262.

- 3264 Porcelain Electrical Supplies (S-91; C-95).—Establishments primarily engaged in manufacturing porcelain electrical insulators, molded porcelain parts for electrical devices, stearite electrical products, and other electrical supplies from clay and other ceramic materials.
- 3269 Pottery Products, N.E.C. (S-87; C-89).—Establishments primarily engaged in firing and decorating white china and earthenware for the trade and manufacturing art and ornamental pottery, industrial and laboratory pottery, stoneware and coarse earthenware table and kitchen articles, unglazed red earthenware florists' articles, and other pottery products, n.e.c.
- 327 CONCRETE, GYPSUM AND PLASTER PRODUCTS:
- 3271 Concrete Brick and Block (S-92; C-84).—Establishments primarily engaged in manufacturing concrete building blocks and brick from a combination of cement and aggregate. Contractors engaged in concrete construction work are classified in the construction industries and building materials dealers primarily engaged in mixing and delivering ready mixed concrete in industry 3273.
- 3272 Concrete Products, Except Block and Brick (S-94; C-94).—Establishments primarily engaged in manufacturing concrete products, except block and brick, from a combination of cement and aggregate. Contractors engaged in concrete construction work are classified in the construction industries and building materials dealers primarily engaged in mixing and delivering ready mixed concrete in industry 3273.
- 3273 Ready Mixed Concrete (S-92; C-98).—Establishments primarily engaged in manufacturing Portland cement concrete, manufactured and delivered to a purchaser in a plastic and unhardened state. This industry includes production and sale of central mixed concrete, shrink mixed concrete, and transit mixed concrete.
- 3274 Lime (S-82; C-94).—Establishments primarily engaged in manufacturing quicklime, hydrated lime, and dead burned dolomite from limestone, dolomite shells, or other substances.
- 3275 Gypsum Products (S-97; C-98).—Establishments primarily engaged in manufacturing plaster, plasterboard, and other products composed wholly or chiefly of gypsum.
- 328 CUT STONE AND STONE PRODUCTS:
- 3281 Cut Stone and Stone Products (S-94; C-99).—Establishments primarily engaged in cutting, shaping, and finishing marble, granite, slate, and other stone for building and miscellaneous uses. Establishments primarily engaged in buying or selling partly finished monuments and tombstones, but performing no work on the stones other than lettering, finishing, or shaping to custom order, are classified in trade industries. The cutting of grindstones, pulpstones, and whetstones at the quarry is classified in mining industries.
- 329 ABRASIVE, ASBESTOS, AND MISCELLANEOUS NONMETALLIC MINERAL PRODUCTS:
- 3291 Abrasive Products (S-70¹¹; C-95).—Establishments primarily engaged in manufacturing abrasive grinding wheels of natural or synthetic materials and other abrasive products. The cutting of grindstones, pulpstones, and whetstones at the quarry is classified in mining industries.
- 3292 Asbestos Products (S-95; C-91).—Establishments primarily engaged in manufacturing asbestos textiles, asbestos friction materials, vinyl asbestos floor tile and other commodities composed wholly or chiefly of asbestos, except asbestos paper (industry 2661), steam and other packing, pipe and boiler covering, and gaskets (industry 3293).
- 3293 Steam and Other Packing, and Pipe and Boiler Covering (S-81; C-78).—Establishments primarily engaged in manufacturing packing for steam, water, and other pipe joints, and for engines, air compressors, etc.; gaskets (all types); and asbestos insulating materials. Establishments primarily engaged in manufacturing leather packing are classified in industry 3121, rubber packing in industry 3069, metal packing in industry 3599, and mineral wool and insulation products in industry 3296.
- 3295 Minerals and Earths, Ground or Otherwise Treated (S-94; C-86).—Establishments operating without a mine and primarily engaged in crushing, grinding, pulverizing, or otherwise preparing clay, ceramic, and refractory minerals (of the type in minerals

Industry Group 145); barite (mined by industry 1472); miscellaneous nonmetallic minerals, except fuels (talc, gypsum, graphite, and other minerals of the type classified in minerals Industry Group 149); or in crushing slag or preparing roofing granules. However, establishments preparing such nonmetallic minerals or roofing granules in conjunction with a mine at the site are classified in the mineral industries. The crushing and grinding of stone, the preparation of sand and gravel (minerals Industry Group 144) and of chemical and fertilizer minerals, except barite (minerals Industry Group 147, except industry 1472) are classified in the mineral industries whether or not the establishment includes a mine. The beneficiation or preparation of metallic ores and the cleaning and grading of coal at the mine or at separately operated preparation plants are classified in the mineral industries.

The code number for this industry in the Standard Industrial Classification Manual is unchanged, but the content of the industry has been slightly changed from the classification system used in 1958. The composition of the industry as now constituted, compared with that under the classification system followed in the 1958 census, is due principally to (1) the reclassification of exfoliated vermiculite from industry 3296 to industry 3295 and (2) the inclusion of roofing granules produced in conjunction with mining operations in the mineral industries for 1963. In prior years these roofing granule plants were included in industry 3295.

- 3296 Mineral Wool (S-90; C-96).—Establishments primarily engaged in manufacturing mineral wool and mineral wool insulation products made of such silicious materials as rock, slag, and glass, or combinations thereof. Establishments primarily engaged in manufacturing asbestos insulation products are classified in industries 3292 and 3293, textile glass fibers in industry 3229, and exfoliated vermiculite products in industry 3295. Exfoliated vermiculite was reclassified from industry 3296 (in 1958) to industry 3295.
- 3297 Nonclay Refractories (S-94; C-88).—Establishments primarily engaged in manufacturing refractories and crucibles made of materials other than clay. This industry also includes establishments primarily engaged in manufacturing all graphite refractories, whether of carbon bond or ceramic bond. Establishments primarily engaged in manufacturing clay refractories are classified in industry 3255.
- 3299 Nonmetallic Mineral Products, NEC (S-86; C-96).—Establishments primarily engaged in the factory production of statuary and art goods made of plaster of Paris and papier-mache' and in manufacturing sand lime products, sheet mica products, and other nonmetallic mineral products, n.e.c.

33 PRIMARY METAL INDUSTRIES

This major group includes establishments engaged in the smelting and refining of ferrous and nonferrous metals from ore, pig, or scrap; in the rolling, drawing, and alloying of ferrous and nonferrous metals; in the manufacture of castings, forgings, and other basic products of ferrous and nonferrous metals; and in the manufacture of nails, spikes, and insulated wire and cable. This major group also includes the production of coke.

- 331 BLAST FURNACES, STEEL WORKS, AND ROLLING AND FINISHING MILLS:
- 3312 Blast Furnaces (Including Coke Ovens), Steel Works and Rolling Mills (S; C)¹².—Establishments primarily engaged in manufacturing hot metal, pig iron, silvery pig iron, and ferroalloys from iron ore and iron and steel scrap; converting pig iron, scrap iron and scrap steel into steel; and in hot rolling iron and steel into basic shapes such as plates, sheets, strips, rods, bars and tubing. Merchant blast furnaces and byproduct or beehive coke ovens are also included in this industry.

Included in this industry are all establishments engaged in the manufacture of blast furnace ferroalloys. However, establishments which manufacture ferro or nonferrous additive alloys by electrometallurgical process are classified in industry 3313. Also, establishments which draw wire from purchased rod and bar, establishments which perform only cold rolling, drawing or finishing operations, and establishments which produce welded, seamless, and heavy riveted pipe from purchased materials are not included in industry 3312, but are included in industries 3315, 3316, and 3317, respectively.

- 3313 Electrometallurgical Products (S-85-90; C-77)¹³.—Establishments primarily engaged in manufacturing ferro and nonferrous additive alloys by electrometallurgical processes, including high percentage ferroalloys and high percentage nonferrous additive alloys. Ferroalloys and other additives produced in blast furnaces are included in industry 3312.
- 3315 Steel Wire Drawing and Steel Nails and Spikes (S-89; C-30)¹³.—Establishments primarily engaged in drawing wire from purchased iron or steel rods, bars, or wire and which may be engaged in the further manufacture of products made from wire; and those primarily engaged in manufacturing steel nails and spikes from purchased materials. Rolling mills engaged in the production of ferrous wire from wire rods or hot rolled bars produced in the same establishment are classified in industry 3312. Establishments primarily engaged in drawing nonferrous wire are classified in Industry Group 335.
- 3316 Cold Rolled Sheet, Strip, and Bars (S-94; C-20)¹³.—Establishments primarily engaged in (1) cold rolling steel sheets and strip from purchased hot rolled sheets, (2) cold drawing steel bars and steel shapes from purchased hot rolled steel bars, and (3) producing other cold finished steel. Establishments primarily engaged in the production of steel, including hot rolled steel sheets, and further cold rolling such sheets are included in industry 3312.
- 3317 Steel Pipe and Tubes (S-91; C-37).—Establishments primarily engaged in the production of welded or seamless steel pipe and heavy riveted steel pipe from purchased materials. Establishments primarily engaged in the production of steel, including steel skelp or steel blanks, tube rounds, or pierced billets are classified in industry 3312.
- 332 IRON AND STEEL FOUNDRIES:—This group includes establishments primarily engaged in manufacturing iron and steel castings. These establishments generally operate on a job or order basis, manufacturing castings for sale to others or for interplant transfer. Establishments which produce iron and steel castings and which are also engaged in fabricating operations such as machining, assembling, etc., in manufacturing a specified product are classified in the industry of the specified product. Iron and steel castings are made to a considerable extent by establishments, classified in other industries, that operate foundry departments for the production of castings for incorporation, in the same establishment, into such products as stoves, furnaces, plumbing fixtures, motor vehicles, etc. Establishments primarily engaged in the manufacture and rolling of steel and also making steel castings are classified in industry 3312. Establishments primarily engaged in manufacturing nonferrous castings are classified in Industry Group 336.
- 3321 Gray Iron Foundries (S-93; C-88).—Establishments primarily engaged in manufacturing gray iron castings, including cast iron pressure and soil pipe and fittings. Establishments primarily engaged in manufacturing valves and fittings, except plumbers' brass goods and fittings, are classified in industry 3494.
- 3322 Malleable Iron Foundries (S-87; C-87).—Establishments primarily engaged in manufacturing malleable iron castings.
- 3323 Steel Foundries (S-85; C-89).—Establishments primarily engaged in manufacturing steel castings.
- 333 PRIMARY SMELTING AND REFINING OF NONFERROUS METALS AND ALLOYS:
- 3331 Primary Smelting and Refining of Copper (S; C)¹⁴.—Establishments primarily engaged in smelting copper from the ore and in refining copper by electrolytic or other processes. Establishments primarily engaged in rolling, drawing, or extruding copper are classified in industry 3351.
- 3332 Primary Smelting and Refining of Lead (S; C)¹⁴.—Establishments primarily engaged in smelting lead from the ore and in refining lead by any process. Establishments primarily engaged in rolling, drawing, or extruding lead are classified in industry 3356.
- 3333 Primary Smelting and Refining of Zinc (S-92; C-81)¹⁵.—Establishments primarily engaged in smelting zinc from the ore and in refining zinc, by any process. Establishments primarily engaged in rolling, drawing, or extruding zinc are classified in industry 3356.
- 3334 Primary Production of Aluminum (S-100; C-75)¹⁶.—Establishments primarily engaged in producing aluminum from alumina and in refining aluminum by any process. Establishments primarily engaged in rolling, drawing, or extruding aluminum are classified in industry 3352.
- 3339 Primary Smelting and Refining of Nonferrous Metals, N.E.C. (S-83; C-39)¹⁷.—Establishments primarily engaged in smelting and refining nonferrous metals, n.e.c. Establishments primarily engaged in rolling, drawing, and extruding these nonferrous primary metals are classified in industry 3356 and the production of bullion at the site of the mine is classified in the mining industries.
- 334 SECONDARY SMELTING, REFINING, AND ALLOYING OF NONFERROUS METALS AND ALLOYS:
- 3341 Secondary Smelting, Refining, and Alloying of Nonferrous Metals and Alloys (S-94; C-26)¹⁸.—Establishments primarily engaged in recovering nonferrous metals and alloys from new and used scrap and dross, but which are not engaged in further fabrication. This industry includes establishments engaged in both the recovery and alloying of precious metals. Plants engaged in the recovery of tin through secondary smelting and refining, as well as by chemical processes, are included in this industry. Establishments primarily engaged in assembling, sorting, and breaking up scrap metal, without smelting and refining, are classified in trade industries.
- 335 ROLLING, DRAWING, AND EXTRUDING OF NONFERROUS METALS:
- 3351 Rolling, Drawing, and Extruding of Copper (S-90; C-91).—Establishments primarily engaged in rolling, drawing, and extruding copper, brass, bronze and other copper-base alloy basic shapes such as plate, sheet, strip, bar, and tubing. Establishments primarily engaged in recovering copper and its alloys from scrap or dross are classified in industry 3341.
- 3352 Rolling, Drawing, and Extruding of Aluminum (S-85; C-93)¹⁹.—Establishments primarily engaged in rolling, drawing, and extruding aluminum and aluminum-base alloy basic shapes such as plate, sheet, bar, tubing and foil.
- 3356 Rolling, Drawing, and Extruding of Nonferrous Metals, Except Copper and Aluminum (S-84; C-81)²⁰.—Establishments primarily engaged in rolling, drawing, and extruding nonferrous metals other than copper (industry 3351) and aluminum (industry 3352). The products of this industry are produced in the form of basic shapes, such as plate, sheet, strip, bar, and tubing. Establishments primarily engaged in recovering nonferrous metals and alloys from scrap or dross are classified in industry 3341, in manufacturing gold, silver, tin, and other foils, except aluminum, in industry 3497, and aluminum foil in industry 3352.
- 3357 Drawing and Insulating of Nonferrous Wire (S-99; C-86; ²¹).—Establishments primarily engaged in drawing, drawing and insulating, and insulating wire and cable of nonferrous metals from purchased wire bars, rods, or wire.
- 336 NONFERROUS FOUNDRIES:—These foundry industries comprise establishments primarily engaged in manufacturing aluminum castings, including cast aluminum cooking utensils (3361), brass, bronze, and copper castings including unmachined bearings and bushings (3362), and other nonferrous castings (3369). Those primarily engaged in manufacturing iron and steel castings are classified in Industry Group 322.

For these industries, captive production (that is, the tonnage of castings produced for incorporation into the final product of the plant or company) is a particularly important factor. Distinction is made between rough castings and castings which are machined or further processed and incorporated into other products. The removal of gates, risers, sprues, and tumbling, dipping, and sand blasting do not constitute machining. Plants primarily engaged in manufacturing castings are included in the foundry industries; plants primarily engaged in further processing castings into parts for metal products or machinery are classified in other major groups.

For the 1963 and 1958 Censuses of Manufactures, separate establishment reports were received from all commercial (jobbing) foundries and from those captive foundries which were operated as separate establishments by the reporting companies. These two groups comprise the types of establishments included in industries 3361, 3362, and 3369. However, where the captive foundry operation was completely integrated with the operations of the entire plant, no separate establishment report was received

- for the foundry activity. In these instances data were obtained on the tonnage of castings produced and consumed and on the number of employees usually engaged in the captive foundry operation. However, establishments with such foundry departments were classified on the basis of the plant's final product and accordingly, the general statistics on employment, payrolls, cost of materials, etc. are included in the data for such industries as 3432, 3494, etc.
- 3361 Aluminum Castings (S-81; C-83).—Establishments primarily engaged in manufacturing castings and die castings of aluminum.
- 3362 Brass, Bronze, Copper, Copper-Base Alloy Castings (S-84; C-78).—Establishments primarily engaged in manufacturing castings and die castings of copper and copper-base alloy.
- 3369 Nonferrous Castings, N.E.C. (S-78; C-75).—Establishments primarily engaged in manufacturing castings and die castings of nonferrous materials except aluminum, copper, and copper-base alloys.
- 339 MISCELLANEOUS PRIMARY METAL INDUSTRIES:
- 3391 Iron and Steel Forgings (S-89; C-69²²).—Establishments primarily engaged in manufacturing light and heavy board drop, steam hammer, upset, and press iron and steel forgings with or without the use of dies. Rolling mills engaged in the production of iron and steel forgings are classified in industry 3312.
- 3392 Nonferrous Forgings (S-69; C-55).—Establishments primarily engaged in manufacturing, with or without the use of dies, forgings of aluminum, titanium, copper, and other nonferrous metals and alloys.
- 3399 Primary Metal Industries, N.E.C. (S-93; C-87).—Establishments primarily engaged in manufacturing primary metal products, n.e.c., such as nonferrous nails, brads, and spikes; metal powder, flakes, and paste; and establishments primarily engaged in heat treating of metal for the trade; also those establishments primarily engaged in reclaiming metallics from slag.
- 34 FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT
- This major group includes establishments engaged in fabricating ferrous and nonferrous metal products such as metal cans, tinware, handtools, cutlery, general hardware, nonelectric heating apparatus, fabricated structural metal products, metal stampings, and a variety of metal and wire products, n.e.c. Certain important segments of the metal fabricating industries are classified in other major groups such as ordnance in Major Group 19, machinery in in Major Groups 35 and 36, transportation equipment in Major Group 37, professional, scientific, and controlling instruments, watches and clocks in Major Group 38, and jewelry and silverware in Major Group 39. Establishments primarily engaged in producing ferrous and nonferrous metals and their alloys are classified in Major Group 33.
- 341 METAL CANS:
- 3411 Metal Cans (S-97; C-98).—Establishments primarily engaged in manufacturing metal cans from purchased tinplate, terneplate, blackplate, or enameled sheet metal. Establishments primarily engaged in the manufacture of composite cans made partially of metal and partly of nonmetallic materials (such as fiberboard) are excluded from this industry.
- 342 CUTLERY, HANDTOOLS, AND GENERAL HARDWARE:
- 3421 Cutlery (S-89; C-97).—Establishments primarily engaged in manufacturing cutlery. Establishments primarily engaged in manufacturing table cutlery made entirely of metal are classified in industry 3914, those manufacturing electric razors in industry 3634, and those manufacturing hair clippers for human use in industry 3999 and for animal use in industry 3522.
- 3423 Hand and Edge Tools, Except Machine Tools and Hand Saws (S-87; C-84).—Establishments primarily engaged in manufacturing files and other hand and edge tools for metalworking, woodworking, and general maintenance. Establishments primarily engaged in manufacturing saws are classified in industry 3425, and metal cutting dies, power driven handtools, and attachments and accessories for machine tools in Major Group 35.
- 3425 Hand Saws and Saw Blades (S-78; C-85).—Establishments primarily engaged in manufacturing hand saws and saw blades for hand and power driven saws. Establishments primarily engaged in manufacturing power driven sawing machines are classified in Major Group 35.
- 3429 Hardware, N.E.C. (S-91; C-93).—Establishments primarily engaged in manufacturing miscellaneous metal products usually termed "hardware" and n.e.c. Establishments primarily engaged in manufacturing bolts and nuts are classified in industry 3452, nails and spikes in Major Group 33, cutlery in industry 3421, handtools in industry 3423, and pole line and transmission hardware in Major Group 36.
- 343 HEATING APPARATUS (EXCEPT ELECTRIC) AND PLUMBING FIXTURES:
- 3431 Enameled Iron and Metal Sanitary Ware (S-84; C-91).—Establishments primarily engaged in manufacturing enameled iron, cast iron, or pressed metal sanitary ware. Establishments primarily engaged in manufacturing vitreous and semivitreous pottery sanitary ware are classified in industry 3261, and those manufacturing porcelain enameled kitchen, household, and hospital ware in industry 3461.
- This industry includes establishments which fall into two significantly different categories, namely those producing cast iron plumbing fixtures and those producing metal fixtures of pressed metal. Accordingly, the manufacturing plants included in this industry involve different manufacturing processes depending upon the line of products produced. Those fixture plants producing cast iron fixtures include significant foundry operations, while the pressed metal fixture plants are more closely allied to metal fabricating plants producing their product by forming processes (stamping, drawing, etc.).
- The operations of the largest establishments in this industry cover the entire production process, including the casting of the fixture through the machining, finishing, and assembly operations. In general, these processes are carried on at a single manufacturing plant. However, in a few instances the foundry operations were performed at separate locations and, accordingly, those separate foundries were classified in the foundry industries (SIC industries 3321, 3322, 3323, 3361, 3362, and 3369). In the latter case, the plants classified in this industry would be limited to machining and finishing operations on castings received from their associated plants.
- 3432 Plumbing Fixture Fittings and Trim (Brass Goods) (S-90; C-83).—Establishments primarily engaged in manufacturing plumbing fixture fittings and trim (brass goods). Establishments primarily engaged in the manufacture of steam or water line valves are classified in industry 3494.
- 3433 Heating Equipment, Except Electric (S-76; C-81).—Establishments primarily engaged in manufacturing heating equipment for all purposes other than power, including all gas, oil, and stoker coal fired equipment for the automatic utilization of gaseous, liquid, and solid fuels. Establishments primarily engaged in manufacturing electric stoves and ranges are classified in industry 3631, boiler shops primarily engaged in the production of industrial, power, and marine boilers in industry 3443, and industrial process furnaces and ovens in industry 3567.
- 344 FABRICATED STRUCTURAL METAL PRODUCTS:
- 3441 Fabricated Structural Steel (S-86; C-89).—Establishments primarily engaged in manufacturing fabricated iron and steel or other metal for structural purposes, for bridges, buildings, and sections for ships, boats and barges. Establishments primarily engaged in manufacturing metal doors, sash, frames, molding and trim are classified in industry 3442, and fabrication work done by construction contractors at the site of construction is classified in construction industries.
- 3442 Metal Doors, Sash, Frames, Molding and Trim (S-88; C-94).—Establishments primarily engaged in manufacturing ferrous and nonferrous metal and metal covered doors and sash, window and door frames and screens, molding and trim.
- 3443 Fabricated Plate Work (Boiler Shops) (S-89; C-83).—Establishments primarily engaged in manufacturing power and marine boilers, pressure and nonpressure tanks, processing and storage vessels, heat exchangers, weldments and similar products by the process of cutting, forming and joining metal plates, shapes, bars, sheet, pipe mill products and tubing to

custom or standard design for factory or field assembly. Establishments primarily engaged in manufacturing nonelectric heating apparatus other than power boilers are classified in industry 3433 and household cooking apparatus in industry 3631.

3444 Sheet Metal Work (S-88; C-78).—Establishments primarily engaged in manufacturing sheet metal work for buildings (not including fabrication work done by construction contractors at the place of construction) and manufacturing sheet metal stovepipes, light tanks, etc. Establishments in the sheet metal field are frequently engaged in activities which overlap the economic divisions of manufacturing, wholesale, service and construction, and some difficulty is experienced in distinguishing a sheet metal manufacturing establishment from other sheet metal wholesalers. Establishments performing manufacturing operations incidental to their installation or contracting business are excluded from the census of manufactures. Conversely, many of the plants included in industry 3444 are engaged to a secondary extent in wholesaling or installing sheet metal items.

3446 Architectural and Ornamental Metal Work (S-86; C-71).—Establishments primarily engaged in manufacturing architectural and ornamental metal work of ferrous and nonferrous metals, such as stairs and staircases, open steel flooring (grating), fire escapes, grills, railings, and fences and gates except wire. Establishments primarily engaged in manufacturing prefabricated and portable metal buildings and parts and miscellaneous metal work are classified in industry 3449.

This industry was not defined in the SIC for 1958 but was then part of industry 3449.

3449 Miscellaneous Metal Work (S-89; C-68).—Establishments primarily engaged in manufacturing miscellaneous ferrous and nonferrous metal work, such as prefabricated and portable metal buildings and parts, metal plaster bases, fabricated bar joists and concrete reinforcing bars, and prefabricated exterior metal panels.

This industry was redefined in the SIC for 1963. Industry 3446, shown above, was part of industry 3449 in 1958.

345 SCREW MACHINE PRODUCTS AND BOLTS, NUTS, SCREWS, RIVETS, AND WASHERS:

3451 Screw Machine Products (S-97; C-90).—Establishments primarily engaged in manufacturing automatic or hand screw machine products from rod, bar, or tube stock of metal, fiber, plastics, or other material. The products of this industry consist of a wide variety of unassembled parts and are usually manufactured on a job or order basis. Establishments primarily engaged in manufacturing standard bolts, nuts, rivets, screws, or other industrial fasteners on headers, threaders, and nut forming machines are classified in industry 3452.

Industry 3451 includes establishments producing a wide variety of items such as small machinery parts, etc. on hand-operated and automatic screw machines from rod, bar, and tube stock and from castings and forgings. These products are produced almost entirely on a job or order basis. Included are screw machine departments or plants of companies primarily engaged in producing finished end products, when such activities could be reported separately. However, in many instances captive screw machine operations were so integrated with other activities that separate reports were not obtained and the entire establishment was classified on the basis of its primary products.

3452 Bolts, Nuts, Washers, and Rivets (S-92; C-90).—Establishments primarily engaged in manufacturing bolts, nuts, screws, rivets, washers, formed and threaded wire goods, and special industrial fasteners. Rolling mills engaged in manufacturing similar products are classified in Major Group 33 and establishments primarily engaged in manufacturing screw machine products in industry 3451.

Plants included in industry 3452 are generally engaged in the manufacture of bolts, nuts, screws, and rivets of standard types and sizes on heading, threading, and nut-forming machines. These establishments may be also engaged in the production of special industrial fasteners which require special or added operations or the use of special tools and fixtures. These items include bolts, nuts, screws, etc. of nonstandard types and sizes and special fasteners made by stamping and other forming processes. To a lesser extent these plants manufacture stan-

dard type bolts, nuts, screws, etc. on automatic and hand-operated screw machines.

346 METAL STAMPINGS:

3461 Metal Stampings (S-84; C-86).—Establishments primarily engaged in manufacturing metal stampings by the use of tools, dies, jigs, and fixtures to punch, draw, form, or otherwise modify materials under pressure in a machine (primarily punch and draw presses).

Establishments in industry 3461 produce both job stampings and finished end products. Job stampings are made from materials owned by the stamping establishments as well as from materials owned by the customer and processed by the stamping establishments on a contract or commission basis. These stampings are mainly parts which are sold to manufacturers for incorporation into any of a wide variety of products such as refrigerators, agricultural machinery, radio and television sets. Finished end products manufactured by establishments in this industry include cooking, kitchen, and hospital utensils (including domestic pressure cookers and porcelain enameled utensils), pails, ash cans, garbage cans, perforated metal products, metal commercial and home canning closures as well as a large variety of miscellaneous items. Industry 3461 includes the stamping departments of establishments primarily engaged in producing fabricated metal products where such stamping activities could be reported separately. However, where captive stamping operations were closely integrated with other activities, such as in the production of household appliances, farm equipment, motor vehicles, etc., separate reports were not obtained.

347 COATING, ENGRAVING, AND ALLIED SERVICES:

3471 Electroplating, Plating, Polishing, Anodizing, and Coloring (S²³; C²⁴).—Establishments primarily engaged in all types of electroplating, plating, anodizing, and coloring, and finishing of metals and formed products for the trade. Most of the work done in this industry is done on materials owned by others.

3479 Coating, Engraving, and Allied Services, N.E.C. (S²³; C²⁴).—Establishments primarily engaged in performing the following types of services on metals: (1) Enameling, lacquering, and varnishing metal products for the trade; (2) hot dip galvanizing of mill sheets, plates and bars, castings, and formed products fabricated of iron and steel; in hot dip coating such items with aluminum, lead, or zinc; in retinning cans and utensils; (3) in engraving, chasing and etching jewelry, silverware, notarial and other seals, and other metal products for the trade and for job contracting for purposes other than printing; (4) and other metal services, n.e.c. Establishments primarily engaged in electroplating, plating, polishing, anodizing, coloring, and finishing of metals and formed products for the trade are classified in industry 3471, and those producing porcelain enameled products in industry 3461.

Industry 3479 includes establishments engaged primarily in enameling materials owned by others. Establishments primarily engaged in manufacturing vitreous-enameled products from their own materials are included in industry 3461. In addition, industry 3479 covers both vitreous and other types of enameling (such as baked enameling), whereas industry 3461 includes only vitreous-enameling establishments as well as those producing other types of metal stampings.

Industry 3479 includes establishments primarily engaged in galvanizing iron and steel sheets or formed products, in coating iron sheets or formed products with aluminum, lead, or zinc, and in retinning cans and utensils. Most of the work done in this industry is done on materials owned by others. Rolling mills engaged in galvanizing, tinning, and other coating are classified in industry 3312 and establishments primarily engaged in manufacturing galvanized steel wire, from purchased metal rods or bars, are classified in industry 3315.

Industry 3479 includes establishments primarily engaged in engraving, chasing, and etching jewelry, silverware, notarial seals, and other metal products for the trade, for purposes other than printing. Establishments primarily engaged in preparing metal lithographic plates and in printing from such media are classified in industry 2752; establishments primarily engaged in engraving and etching steel and copper plates and in using these plates to print stationary, visiting cards, etc., are included in industry 2753; and establishments primarily engaged in preparing photoengraved plates (halftones and line-cuts) are classified in industry 2793.

- 348 MISCELLANEOUS FABRICATED WIRE PRODUCTS:
 3481 Miscellaneous Fabricated Wire Products (S-93; C-65²⁵).—Establishments primarily engaged in manufacturing miscellaneous fabricated wire products from purchased wire. Rolling mills engaged in manufacturing wire products are classified in Major Group 33, establishments manufacturing nonferrous wire nails and spikes in industry 3399, those drawing and insulating nonferrous wire in industry 3357, and those assembling wire bedsprings or seats are classified in Major Group 25.
- 349 MISCELLANEOUS FABRICATED METAL PRODUCTS:
 3491 Metal Shipping Barrels, Drums, Kegs, and Pails (S-92; C-86).—Establishments primarily engaged in manufacturing ferrous and nonferrous shipping barrels, drums, kegs, and pails.
- 3492 Safes and Vaults (S-81; C-90-95).—Establishments primarily engaged in manufacturing fire or burglary resistive steel safes and vaults (except concrete grave vaults, industry 3272, and metal grave vaults, industry 3988) and similar fire or burglary resistive products.
- 3493 Steel Springs (S-91; C-67).—Establishments primarily engaged in manufacturing leaf springs, hot wound springs, and coiled flat springs. Establishments primarily engaged in manufacturing wire springs are classified in industry 3481 and rolling mills manufacturing steel springs in industry 3312.
- 3494 Valves and Pipe Fittings, Except Plumbers' Brass Goods (S-86; C-85).—Establishments primarily engaged in manufacturing valves for controlling the flow of liquids or gases in pipes and mains and for machinery. Establishments primarily engaged in manufacturing faucets, spigots, and similar plumbers' brass goods and fittings are classified in industry 3432.
- 3496 Collapsible Tubes (S-88; C-100).—Establishments primarily engaged in manufacturing collapsible tubes, defined as cylindrical containers for viscous products, made of thin flexible metal, usually of tin, tin-lined lead, lead, lead-tin alloy, or aluminum, with integral shoulder and neck provided with an appropriate size opening in the throat and usually with a screw cap made of plastic material for closure over the neck.
- 3497 Metal Foil and Leaf (S-84; C-45).—Establishments primarily engaged in manufacturing gold, silver, tin and other metal foil (including converted metal foil) and leaf. Establishments primarily engaged in manufacturing plain aluminum foil are classified in industry 3352.
- 3498 Fabricated Pipe and Fabricated Pipe Fittings (S-92; C-91).—Establishments primarily engaged in fabricating pipe and pipe fittings from purchased pipe, by cutting, threading, bending, etc. Establishments primarily engaged in manufacturing cast iron pipe and fittings, including cast and forged pipe fittings which have been machined and threaded, are classified in industry 3321, welded and heavy riveted pipe in industry 3317, and seamless steel pipe in industry 3317. Establishments primarily engaged in manufacturing products such as banisters, railings, and guards from pipe are classified in industry 3446.
- 3499 Fabricated Metal Products, N.E.C. (S-89; C-62).—Establishments primarily engaged in manufacturing fabricated metal products, n.e.c. Establishments primarily engaged in manufacturing advertising novelties are classified in industry 3993. Specific products of this industry include ammunition boxes, metal strapping, aluminum giftware (hammered), metal bookends, ladders, and fabricated railroad track equipment, such as switches, crossings, etc. Establishments primarily engaged in manufacturing castings or forgings are classified in Major Group 33, hardware in industry 3429, metal stampings in industry 3461, machine and equipment parts in Major Group 35 and Major Group 36.

35 MACHINERY, EXCEPT ELECTRICAL

This major group includes establishments engaged in manufacturing machinery and equipment, other than electrical equipment (Major Group 36) and transportation equipment (Major Group 37). Machines powered by built-in or detachable motors ordinarily are included in this major group, with the exception of electrical household appliances (Major Group 36). Portable tools, both electric and pneumatic powered, are included in this major group, but handtools are classified in Major Group 34.

- 351 ENGINES AND TURBINES:
 3511 Steam Engines; Steam, Gas, and Hydraulic Turbines; and Steam, Gas, and Hydraulic Turbine Generator Set Units (S-85; C-82).—Establishments primarily engaged in manufacturing steam engines; steam turbines; hydraulic turbines; gas turbines except aircraft; and complete steam, gas, and hydraulic turbine generator sets units. Establishments primarily engaged in building or rebuilding locomotives are classified in industry 3741, and those manufacturing nonautomotive type generators which are not a part of a turbine generator set in industry 3621.
- 3519 Internal Combustion Engines, N.E.C. (S-86; C-86).—Establishments primarily engaged in manufacturing diesel, semi-diesel, or other internal combustion engines, n.e.c., for stationary, marine, traction, and other uses. Establishments primarily engaged in manufacturing aircraft engines, including rocket engines, are classified in industry 3722, automotive engines (except diesel) in SIC industry 3714 (Census industry 3717), and engine generator sets in industry 3621.
- 352 FARM MACHINERY AND EQUIPMENT:
 3522 Farm Machinery and Equipment (S-89; C-95).—Establishments primarily engaged in manufacturing farm machinery, including equipment and wheel tractors, for use in the preparation and maintenance of the soil; planting and harvesting of the crop; preparing, on the farm, crops for market; or for use in performing other farm operations and processes. This industry includes wheel tractors, except contractors' off-highway type which are classified in industry 3531. Establishments primarily engaged in manufacturing industrial trucks, tractors, and trailers used for handling materials in industrial plants, depots, and docks are classified in industry 3537 and farm handtools in Industry Group 342.
- 353 CONSTRUCTION, MINING, AND MATERIALS HANDLING MACHINERY AND EQUIPMENT:
 3531 Construction Machinery and Equipment (S-91; C-89).—Establishments primarily engaged in manufacturing heavy machinery and equipment used by the construction industries, such as bulldozers; concrete mixers; cranes, except industrial plant; dredging machinery; pavers, and power shovels. Establishments primarily engaged in manufacturing mining equipment are classified in industry 3532 and well drilling machinery in industry 3533.
- 3532 Mining Machinery and Equipment, Except Oil Field Machinery and Equipment (S-75; C-82).—Establishments primarily engaged in manufacturing heavy machinery and equipment used by the mining industries, such as coal breakers, mine cars, mineral cleaning machinery, concentration machinery, core drills, coal cutters, portable rock drills, and rock crushing machinery. Establishments primarily engaged in manufacturing construction machinery are classified in industry 3531, well drilling machinery in industry 3533, and coal and ore conveyors in industry 3535.
- 3533 Oil Field Machinery and Equipment (S-90; C-91).—Establishments primarily engaged in manufacturing machinery and equipment for use in oil and gas fields or for drilling water wells.
- 3534 Elevators and Moving Stairways (S-97; C-95).—Establishments primarily engaged in manufacturing passenger or freight elevators, automobile lifts, dumb waiters, and moving stairways. Establishments primarily engaged in manufacturing commercial conveyor systems and equipment are classified in industry 3535 and farm elevators in industry 3522.
- 3535 Conveyors and Conveying Equipment (S-82; C-83).—Establishments primarily engaged in manufacturing conveyors and conveying equipment for installation in factories, warehouses, mines, and other industrial and commercial establishments. Establishments primarily engaged in manufacturing passenger or freight elevators, dumb waiters, and moving stairways are classified in industry 3534 and overhead traveling cranes and monorail systems in industry 3536.
- 3536 Hoists, Industrial Cranes, and Monorail Systems (S-80; C-70).—Establishments primarily engaged in manufacturing overhead traveling cranes, hoists, and monorail systems for installation in factories, warehouses, and other industrial and commercial establishments.

- 3537 Industrial Trucks, Tractors, Trailers, and Stackers (S-90; C-81).—Establishments primarily engaged in manufacturing industrial trucks, tractors, trailers, stackers (truck type), and related equipment, used for handling materials on floors and paved surfaces in and around industrial and commercial plants, depots, docks, and terminals. Establishments primarily engaged in manufacturing motor vehicles and motor vehicle type trailers are classified in Industry Group 371, farm type wheel tractors in industry 3522, wheel tractor shovel loaders, tracklaying tractors in industry 3531, and wood pallets and skids in industry 2499.
- 354 METALWORKING MACHINERY AND EQUIPMENT:
- 3541 Machine Tools, Metal Cutting Types (S-81; C-88).—Establishments primarily engaged in manufacturing power-driven machines, not supported in the hands of an operator when in use, that shape metal by cutting or use of electrical equipment, the rebuilding of such machine tools, and the manufacture of replacement parts for them. Metalworking, or primarily metalworking, machine tools designed primarily for home workshops are also included. Establishments primarily engaged in the manufacture of electric welding equipment are classified in industry 3623, and portable power-driven hand tools, gas welding and cutting equipment, and automotive maintenance equipment in industry 3548.
- 3542 Machine Tools, Metal Forming Types (S-86; C-79).—Establishments primarily engaged in manufacturing power-driven machines, not supported in the hands of an operator while in use, for pressing, forging, hammering, extruding, shearing, bending or die casting metal into shape. This industry also includes rebuilding such machine tools and manufacturing repair parts for them. Establishments primarily engaged in the manufacture of electric welding equipment are classified in industry 3623, portable power-driven handtools, gas welding and cutting equipment, and automotive maintenance equipment in industry 3548.
- 3544 Special Dies and Tools, Die Sets, Jigs, and Fixtures (S-93; C-72).—Establishments primarily engaged in manufacturing, on a job or order basis, special tools and fixtures for use with machine tools, hammers, die casting machines, and presses. The products of establishments classified in this industry include a wide variety of special toolings, such as dies, punches, die sets and components and subpresses, jigs, and fixtures, and special checking devices. Establishments primarily engaged in manufacturing metal molds for casting metals, for rubber working, plastic working, glass working, and similar machinery are also included.
- This industry comprises establishments commonly known as contract tool and die shops; also included are captive tool and die shops of metal-products producers, where such shops were separately operated and separate reports were filed. However, the total value of shipments excludes the captive production of tool and die departments making these products for the exclusive use of the producing establishment.
- 3545 Machine Tool Accessories and Measuring Devices (S-83; C-84).—Establishments primarily engaged in manufacturing cutting tools, machinists' precision measuring tools, and attachments and accessories for machine tools and for other metalworking machinery, n.e.c. Establishments primarily engaged in manufacturing handtools, except power-driven, are classified in Industry Group 342.
- 3548 Metalworking Machinery, Except Machine Tools and Power-Driven Handtools (S-85; C-88).—Establishments primarily engaged in manufacturing metalworking machinery such as rolling mill machinery and equipment, power-driven handtools, welding equipment, wire fabricating machinery and equipment, except wire drawing dies, and automotive maintenance machinery and equipment. Establishments primarily engaged in manufacturing machine tools, metal cutting types, are classified in industry 3541 and those primarily engaged in manufacturing machine tools, metal forming types, in industry 3542.
- 355 SPECIAL INDUSTRY MACHINERY, EXCEPT METALWORKING MACHINERY:—These industries include establishments primarily engaged in producing industrial machinery, except metalworking machinery, specially designed for use in a specific industry or in a group of industries. Machinery having general industrial application, i.e., used in a number of industries, rather than in specific applications are not included in this group but are included in Industry Group 356. Examples of general industrial machinery are pumps and compressors, fans and blowers, and mechanical power transmission equipment.
- 3551 Food Products Machinery (S-86; C-87).—Establishments primarily engaged in manufacturing machinery for use by the food products and beverage manufacturing industries in the preparation, canning, or packaging of food products and parts and attachments. Establishments primarily engaged in manufacturing refrigeration machinery are classified in industry 3585, household electrical appliances such as mixers, cookers, etc., are classified in industry 3634.
- 3552 Textile Machinery (S-93; C-94).—Establishments primarily engaged in manufacturing machinery for the textile industries, and extra parts, attachments, and accessories. Establishments primarily engaged in manufacturing domestic or industrial sewing machines are classified in industry 3636.
- 3553 Woodworking Machinery (S-80; C-83).—Establishments primarily engaged in manufacturing machinery for sawmills, planing mills, cabinet and furniture makers, pattern makers, and veneer workers.
- Establishments primarily engaged in manufacturing handtools such as planes, axes, drawknives, and hand saws are classified in Industry Group 342 and portable power-driven handtools in industry 3548.
- 3554 Paper Industries Machinery (S-88; C-90).—Establishments primarily engaged in manufacturing machinery for the paperpulp, paper, and paper product industries. Establishments primarily engaged in rebuilding pulp and paper industries machinery are also included in this industry. Establishments primarily engaged in manufacturing printing trades machinery are classified in industry 3555.
- 3555 Printing Trades Machinery (S-95; C-93).—Establishments primarily engaged in manufacturing machinery and equipment used by the printing and bookbinding trades. Important products of this industry include bookbinding and photoengraving machinery; printers' machinery such as presses, typesetting, typefounding, electrotyping, and stereotyping machines; engravers' equipment (metal plates, wood blocks, and lithographic stones); printers' rollers, rules, sticks, blocks, and type cases; and type, leads, and slugs. Establishments primarily engaged in manufacturing textile printing machinery are classified in industry 3552.
- 3559 Special Industry Machinery, N.E.C. (S-83; C-73).—Establishments primarily engaged in manufacturing special industry machinery, n.e.c., such as smelting and refining equipment, cement making, clay working, glass making, hat making, incandescent lamp making, leather working, paint making, rubber working, tobacco working, cigar and cigarette making, shoe making, and stone working machinery.
- 356 GENERAL INDUSTRIAL MACHINERY AND EQUIPMENT:
- 3561 Pumps, Air and Gas Compressors, and Pumping Equipment (S-85; C-86).—Establishments primarily engaged in manufacturing pumps, compressors, and pumping equipment for general industrial use. Establishments primarily engaged in manufacturing measuring and dispensing pumps for gasoline service station use are classified in industry 3586 and ice making, refrigerating, and air conditioning units in industry 3585.
- 3562 Ball and Roller Bearings (S-97; C-98).—Establishments primarily engaged in manufacturing ball and roller bearings and parts. Establishments primarily engaged in manufacturing bearings, except ball and roller, are classified in industry 3566.
- 3564 Blowers, Exhaust and Ventilating Fans (S-83; C-79).—Establishments primarily engaged in manufacturing blowers and exhaust and ventilating fans for general industrial, commercial, and household use. Establishments primarily engaged in manufacturing complete air conditioning units are classified in industry 3585 and free air circulating fans for use on desks, pedestals, or wall brackets in industry 3634.
- 3565 Industrial Patterns (S-96; C-80).—Establishments primarily engaged in manufacturing industrial patterns.
- 3566 Mechanical Power Transmission Equipment, Except Ball and Roller Bearings (S-84; C-79).—Establishments primarily engaged in manufacturing mechanical power transmission equipment for industrial machinery. Establishments primarily engaged in manufacturing automotive, tank, and tractor power transmission equipment are classified in SIC industry 3714 (Census industry 3717), aircraft power transmission equipment in industry 3729, and ball and roller bearings in industry 3562.

- 3567 Industrial Process Furnaces and Ovens (S-82; C-86).—Establishments primarily engaged in manufacturing industrial process furnaces, ovens, induction and die electric heating equipment, and related devices.
- 3569 General Industrial Machinery and Equipment, N.E.C. (S-83; C-70).—Establishments primarily engaged in manufacturing machinery, equipment, and components for general industrial use, and for which no special classification is provided. Machine shops primarily engaged in producing machine and equipment parts, usually on a job or order basis, are classified in industry 3599.
- Industry 3569 covers a wide range of products such as filters and strainers for internal combustion engines (except automobile engines), hydraulic jacks, packaging and wrapping machines (except food and tobacco), centrifugals and separators (except cream), gas generating equipment, brake burnishing and washing machines, ice crusher machinery, fire hose (except rubber), fire hose dryers and racks, automatic sprinkler systems, general industrial labeling machines, and magnetic separation equipment.
- 357 OFFICE, COMPUTING, AND ACCOUNTING MACHINES:
- 3571 Computing and Accounting Machines, Including Cash Registers (S-93; C-94).—Establishments primarily engaged in manufacturing computing machines including electronic, accounting machines, and cash registers. Establishments primarily engaged in manufacturing typewriters are classified in industry 3572 and office duplicating machines and devices and autographic registers in industry 3579.
- 3572 Typewriters (S-85; C-99).—Establishments primarily engaged in manufacturing typewriters and parts.
- 3576 Scales and Balances, Except Laboratory (S-92; C-97).—Establishments primarily engaged in manufacturing weighing and force measuring machines and devices of all types, except those regarded as scientific apparatus for laboratory and experimental work which are classified in industry 3811.
- 3579 Office Machines, N.E.C. (S-81; C-79).—Establishments primarily engaged in manufacturing office machines and devices, n.e.c. Establishments primarily engaged in manufacturing computing machines and cash registers are classified in industry 3571, typewriters in industry 3572, and photocopy and microfilm equipment in industry 3861.
- 358 SERVICE INDUSTRY MACHINES:
- 3581 Automatic Merchandising Machines (S-81; C-90).—Establishments primarily engaged in manufacturing automatic merchandising units, also referred to as vending machines (excluding music, amusement, or gaming machines), and coin-operated mechanisms for such machines. Coin-operated amusement and gaming machines are classified in industry 3999 and coin-operated phonographs in industry 3651.
- 3582 Commercial Laundry, Dry Cleaning, and Pressing Machines (S-91; C-89).—Establishments primarily engaged in manufacturing laundry and dry-cleaning equipment and pressing machines for commercial and industrial use. Establishments primarily engaged in manufacturing household laundry equipment are classified in industry 3633. Although the SIC classifies coin-operated household washing machines in industry 3582, data for these machines are included in the 1963 Census of Manufactures, as in 1958, in industry 3633.
- 3585 Refrigerators and Refrigeration Machinery, Except Household, and Complete Air-Conditioning Units (S¹⁴; C¹⁴).—Establishments primarily engaged in manufacturing equipment and systems utilizing the basic refrigeration cycle, including mechanical and absorption refrigerators for commercial and industrial use; refrigeration machinery, and complete air-conditioning units for domestic, commercial, and industrial use. Establishments primarily engaged in manufacturing soda fountain and beer-dispensing equipment are classified in this industry and those primarily engaged in manufacturing household refrigerators and home and farm freezers in industry 3632.
- 3586 Measuring and Dispensing Pumps (S-73; C-85).—Establishments primarily engaged in manufacturing measuring and dispensing pumps commonly used in service and filling stations for dispensing gasoline, oil, and grease, including grease guns. Establishments primarily engaged in manufacturing pumps, compressors, and pumping equipment for general use are classified in industry 3561.
- 3589 Service Industry Machines, N.E.C. (S-86; C-84).—Establishments primarily engaged in manufacturing machines and equipment, not elsewhere classified, for use in service industries, such as floor sanding machines, industrial vacuum cleaners, scrubbing machines, commercial cooking and food warming equipment, and commercial dishwashing machines. Establishments primarily engaged in manufacturing household electric appliances are classified in Industry Group 363.
- 359 MISCELLANEOUS MACHINERY, EXCEPT ELECTRICAL:
- 3599 Miscellaneous Machinery, Except Electrical (S-90; C-90).—Establishments primarily engaged in manufacturing machinery and parts except electrical, not elsewhere classified, such as pistons and piston rings, carburetors, metallic packing, and amusement park equipment. This industry also includes establishments primarily engaged in producing or repairing machine and equipment parts, n.e.c., on a job or order basis for others. These establishments usually operate on a job or order basis and are equipped with machine tools and other power-driven metalworking machinery capable of manufacturing a wide range of machine and equipment parts. Machine shops classified in this industry are characterized by their method of operation rather than their product, and the fact that they may be primarily engaged in repair work does not exclude them from this classification; however, machine shops engaged exclusively in repair work are classified in repair industries.
- Although generally characterized by method of operation rather than type of product, establishments primarily engaged in manufacturing the following products are classified in industry 3599: Metal bellows, bushings machined from purchased castings, carburetors, catapults, boiler-tube cleaners, valve cores, hydraulic cylinders, iron flasks, flexible metal hose and tubing, metallic packing (except asbestos-metallic), pistons and piston rings, and intake and exhaust valves for internal combustion engines.
- 36 ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES
- This major group includes establishments engaged in manufacturing machinery, apparatus, and supplies for the generation, storage, transmission, transformation, and utilization of electrical energy. The manufacture of household appliances is included in this group, but industrial machinery and equipment powered by built-in or detachable electric motors is classified in Major Group 35.
- 361 ELECTRIC TRANSMISSION AND DISTRIBUTION EQUIPMENT:
- 3611 Electrical Measuring Instruments and Test Equipment (S-84; C-78).—Establishments primarily engaged in manufacturing pocket, portable, panelboard, and graphic recording instruments for measuring electricity, such as voltmeters, ammeters, wattmeters, watt-hour meters, demand meters, and other meters and indicating instruments. This industry also includes establishments primarily engaged in manufacturing analyzers for testing the electrical characteristics of internal combustion engines, radio apparatus, etc.
- 3612 Power, Distribution, and Specialty Transformers (S-92; C-94).—Establishments primarily engaged in manufacturing power, distribution, and specialty transformers. Establishments primarily engaged in manufacturing radio frequency or voice frequency transformers, coils or chokes are classified in industry 3679 and resistor welding transformers in industry 3623.
- 3613 Switchgear and Switchboard Apparatus (S-87; C-89).—Establishments primarily engaged in manufacturing switchgear and switchboard apparatus. Important products of this industry include power switches, circuit breakers, power switching equipment, and similar switchgear for general industrial application, switchboards and cubicles, control and metering panels, power fuse mountings, and similar switchboard apparatus and supplies. Establishments primarily engaged in manufacturing industrial controls are classified in industry 3622 and those manufacturing current carrying wiring devices in industry 3643.
- 362 ELECTRICAL INDUSTRIAL APPARATUS:
- 3621 Motors and Generators (S-81; C-84).—Establishments primarily engaged in manufacturing electric motors (except starting motors) and power generators, motor generator sets, railway motors and control equipment, and motors, generators and control equipment for gasoline electric and oil electric busses and trucks. Establishments primarily engaged in manufacturing turbogenerators are classified in industry 3511 and starting motors and battery charging generators for internal combustion engines in industry 3694.

- 3622 Industrial Controls (S-79; C-79).—Establishments primarily engaged in manufacturing motor starters and controllers, control accessories, electronic controls, and other industrial controls. Establishments primarily engaged in manufacturing automatic temperature controls are classified in industry 3822.
- 3623 Welding Apparatus (S-93; C-89).—Establishments primarily engaged in the manufacture of welding apparatus and accessories. Important products of this industry include arc welding machines, spot, projection, seam, flash and other resistance welders, welding electrodes, electrode holders and other welding machine accessories. Establishments primarily engaged in coating welding wire from purchased wire or wire drawn in the same establishment are also included. Establishments primarily engaged in manufacturing gas welding apparatus are classified in industry 3548.
- 3624 Carbon and Graphite Products (S-93; C-96).—Establishments primarily engaged in the manufacture of carbon and graphite products for use in the electrical industries. This industry comprises establishments primarily engaged in manufacturing lighting carbons; carbon, graphite, and metal-graphite brushes and brush stock; carbon or graphite electrodes for thermal and electrolytic uses; and other carbon, graphite, and metal-graphite products for use in the electrical industries.
- 3629 Electrical Industrial Apparatus, N.E.C. (S-80; C-72).—Establishments primarily engaged in manufacturing industrial and commercial electric apparatus and equipment, n.e.c., such as blasting machines and fixed and variable capacitors, condensers, and rectifiers for industrial application.
- Establishments primarily engaged in manufacturing fixed and variable capacitors and condensers for electronic end products are classified in industry 3679 and rectifiers for electronic end products in industry 3674.
- 363 HOUSEHOLD APPLIANCES:
- 3631 Household Cooking Equipment (S-87; C-72).—Establishments primarily engaged in manufacturing household cooking equipment such as stoves, ranges, and ovens. Establishments primarily engaged in manufacturing household cooking appliances, such as hot plates, grills, percolators, and toasters are classified in industry 3634. Establishments primarily engaged in manufacturing commercial cooking equipment are classified in industry 3589.
- 3632 Household Refrigerators and Home and Farm Freezers (S-66; C-99).—Establishments primarily engaged in manufacturing household refrigerators and home and farm freezers. Establishments primarily engaged in manufacturing commercial and industrial refrigeration equipment, packaged room coolers, and dehumidifiers are classified in industry 3585.
- 3633 Household Laundry Equipment (S-89; C-87).—Establishments primarily engaged in manufacturing laundry equipment such as washing machines, wringers, dryers, and ironers for household use. Establishments primarily engaged in manufacturing commercial laundry equipment are classified in industry 3582.
- 3634 Electric Housewares and Fans (S-87; C-81).—Establishments primarily engaged in manufacturing electric housewares for heating, cooking, and other purposes, and electric fans. Important products of this industry include electric air heaters, bed coverings, blenders, broilers, deep fat fryers, flat irons, food mixers, hot plates, percolators and coffee makers, roasters, toasters, desk and bracket fans, and hassock or floor fans.
- 3635 Vacuum Cleaners, Household (S-87; C-80).—Establishments primarily engaged in manufacturing vacuum cleaners for household use. Establishments primarily engaged in manufacturing vacuum cleaners for industrial use are classified in industry 3589.
- 3636 Sewing Machines (S-90-95; C-96).—Establishments primarily engaged in manufacturing sewing machines for domestic and industrial use.
- 3639 Household Appliances, N.E.C. (S-79; C-79).—Establishments primarily engaged in manufacturing household appliances, n.e.c., such as hot water heaters, dishwashers, and food waste disposal units.
- 364 ELECTRIC LIGHTING AND WIRING EQUIPMENT:
- 3641 Electric Lamps (S-95; C-96).—Establishments primarily engaged in manufacturing electric bulbs, tubes, and related light sources. Important products of this industry include incandescent filament lamps, vapor and fluorescent lamps, photoflash and photo-flood lamps, electrotherapeutic lamps, units for ultra violet and infrared radiation and other electric light sources. Establishments primarily engaged in manufacturing glass blanks for bulbs are classified in industry 3229 and lamp components, such as filaments, supports, lead-in wires, and cold cathode fluorescent lamp electrodes in industry 3699.
- 3642 Lighting Fixtures (S-93; C-93).—Establishments primarily engaged in manufacturing lighting fixtures and equipment of any type, including electric and gas lighting fixtures, carbide, kerosene, and gasoline lamps, and metal reflectors and fittings. Establishments primarily engaged in producing glassware for lighting fixtures are classified in Major Group 32, electric light bulbs, tubes, and related light sources in industry 3641.
- 3643 Current Carrying Wiring Devices (S-80; C-83).—Establishments primarily engaged in manufacturing current-carrying wiring devices. Important products of this industry include attachment plugs and caps, convenience outlets, lamp sockets and receptacles, snap switches, conductor connectors, overhead trolley line material, rail bonds for both propulsion and signal circuits, lightning arrestors, and other lightning protective equipment.
- 3644 Noncurrent Carrying Wiring Devices (S-77; C-80).—Establishments primarily engaged in manufacturing noncurrent carrying wiring devices. Important products of this industry include conduits and fittings, electrical insulators and insulation materials, except porcelain insulators (industry 3264) and glass insulators (industry 3229), outlet, switch and fuse boxes, and pole-line hardware.
- 365 RADIO AND TELEVISION RECEIVING SETS, EXCEPT COMMUNICATION TYPES:
- 3651 Radio and Television Receiving Sets, Except Communication Types (S-91; C-96).—Establishments primarily engaged in manufacturing equipment for home entertainment. This industry also includes establishments primarily engaged in manufacturing public address systems and music distribution apparatus, except records. Establishments primarily engaged in manufacturing records are classified in industry 3652, radio and television receiving type tubes in industry 3671, and television receiving type cathode ray tubes in industry 3672.
- 3652 Phonograph Records (S-99; C-97).—Establishments primarily engaged in manufacturing phonograph records and prerecorded magnetic tapes. Establishments primarily engaged in manufacturing electronic equipment for home entertainment, except records, are classified in industry 3651.
- 366 COMMUNICATION EQUIPMENT:
- 3661 Telephone and Telegraph Apparatus (S-95; C-95)¹.—Establishments primarily engaged in manufacturing wire telephone and telegraph equipment and parts especially designed for telephone and telegraph use.
- 3662 Radio and Television Transmitting, Signaling, and Detection Equipment and Apparatus (S-88; C-91).—Establishments primarily engaged in manufacturing (1) radio and television broadcasting equipment, (2) electric communication equipment and parts, except telephone and telegraph, (3) electronic field detection apparatus, light and heat emission operation apparatus, object detection apparatus and navigational electronic equipment, and aircraft and missile control systems, and (4) other electric and electronic communication and signaling products, n.e.c. Establishments primarily engaged in manufacturing transmitting tubes are classified in industry 3673.
- 367 ELECTRONIC COMPONENTS AND ACCESSORIES:
- 3671 Radio and Television Receiving Type Electron Tubes, Except Cathode Ray (S-89; C-95).—Establishments primarily engaged in manufacturing radio and television receiving type electron tubes, except cathode ray tubes. Establishments primarily engaged in manufacturing television receiving type cathode ray tubes are classified in industry 3672, transmitting tubes in industry 3673, X-ray tubes in industry 3693, and electronic equipment for home entertainment, except tubes, in industry 3651.

- 3672 Cathode Ray Picture Tubes (S-85-90; C-90).—Establishments primarily engaged in manufacturing television receiving type cathode ray tubes. Establishments primarily engaged in manufacturing other radio and television receiving type electron tubes are classified in industry 3671 and transmitting tubes in industry 3673.
- 3673 Transmitting, Industrial, and Special Purpose Electron Tubes (S-80; C-75).—Establishments primarily engaged in manufacturing transmitting, industrial, and special purpose electron tubes. Establishments primarily engaged in manufacturing radio and television transmitting equipment are classified in industry 3662, radio and television receiving tubes in industry 3671, television receiving type cathode ray tubes in industry 3672, and X-ray tubes in industry 3693.
- 3674 Semiconductor (Solid State) and Related Devices (S-88; C-92).—Establishments primarily engaged in manufacturing semiconductor (solid state) and related devices such as semiconductor diodes and stacks, including rectifiers; transistors; solar cells; and light sensitive semiconductor (solid state) devices.
- This industry was not included in the Standard Industrial Classification in 1958. In the latter year it was part of industry 3679.
- 3679 Electronic Components and Accessories, N.E.C. (S-89; C-78).—Establishments primarily engaged in manufacturing specialty resistors for electronic end products; inductors; electronic transformers and capacitors; and other electronic components, n.e.c. Establishments primarily engaged in manufacturing resistors, inductors, and transformers for telephone and telegraph apparatus are classified in industry 3661, electric lamps in industry 3641, and semiconductor (solid state) and related devices in industry 3674.
- This industry in 1963 differs from the classification in 1958. Industry 3674, a separate industry in 1963, was formerly part of 3679.
- 369 MISCELLANEOUS ELECTRICAL MACHINERY EQUIPMENT AND SUPPLIES:
- 3691 Storage Batteries (S-98; C-99).—Establishments primarily engaged in the manufacture of storage batteries for automobiles, trucks, farm tractors, and busses, as well as storage batteries for farm uses, communications systems, and railroad equipment. Parts for storage batteries are also included in this industry.
- 3692 Primary Batteries, Dry and Wet (S-96; C-91).—Establishments primarily engaged in the manufacture of dry and wet cell primary batteries for flashlights, railroad lanterns, hearing aids, portable radios, farm radios, and general purposes as well as parts and supplies for primary batteries.
- 3693 Radiographic X-ray, Fluoroscopic X-ray, and Other X-ray Apparatus and Tubes (S-83; C-80).—Establishments primarily engaged in manufacturing radiographic X-ray, fluoroscopic X-ray, and therapeutic X-ray apparatus and tubes for medical, industrial, research, and control applications. Establishments primarily engaged in manufacturing radio receiving type tubes are classified in industry 3671, television receiving cathode ray tubes in industry 3672, transmitting tubes in industry 3673, and electrotherapeutic lamp units for ultra-violet and infrared radiation in industry 3641.
- 3694 Electrical Equipment for Internal Combustion Engines (S-93; C-81).—Establishments primarily engaged in manufacturing electrical equipment for internal combustion engines. Important products of this industry include starting motors and generators for automobiles and aircraft, and ignition apparatus for internal combustion engines, including spark plugs, magnets, coils, and distributors.
- 3699 Electrical Machinery, Equipment, and Supplies, N.E.C. (S-90; C-49²⁶).—Establishments primarily engaged in manufacturing electrical machinery, equipment, and supplies, n.e.c.

37 TRANSPORTATION EQUIPMENT

This major group includes establishments engaged in manufacturing equipment for transportation of passengers and cargo by land, air, and water. Important products produced by establishments classified in this major group include motor vehicles, air-

craft, ships, boats, railroad equipment, and miscellaneous transportation equipment such as motorcycles, bicycles, and horse drawn vehicles.

371 MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT:

- 3713 Truck and Bus Bodies (S-88; C-86).—Establishments primarily engaged in the manufacture of truck and bus bodies, for sale separately or for assembly on purchased chassis. Establishments primarily engaged in manufacturing complete trucks and busses are classified in industry 3717 and stamped body parts for trucks and busses in industry 3461.
- 3715 Truck Trailers (S-92; C-93).—Establishments primarily engaged in the manufacture of truck trailers and truck trailer chassis for sale separately, but not engaged in manufacturing complete trucks and busses. Establishments primarily engaged in manufacturing trailer bodies are classified in industry 3713. Those primarily engaged in manufacturing passenger car trailers are classified in industry 3799 and those primarily engaged in manufacturing trailer coaches are classified in industry 3791.
- 3717 Motor Vehicles and Parts (S-97; C-98)¹.—Establishments primarily engaged in manufacturing or assembly of complete passenger automobiles, car bodies, trucks, commercial cars and busses (except trackless trolleys, industry 3742), special purpose motor vehicles such as ambulances, fire engines, taxicabs, scout cars, personnel carriers, amphibian motor vehicles, and selected parts and accessories for motor vehicles. Establishments primarily engaged in manufacturing motor vehicles on purchased chassis (ambulances, fire engines, etc.) are classified in industry 3713.

In the 1963 Census of Manufactures, as in 1958, the three SIC industries (3711, 3712, and 3714) have been combined because of a major problem of defining the reporting unit in terms of these industries. This difficulty arises from the fact that many large establishments have integrated operations which include the production of parts or bodies and the assembly of complete vehicles at the same location.

Included in industry 3717 are such parts as passenger-car bodies, motor vehicle engines (except diesel), brakes, clutches, axles, radiators, differentials, transmissions, wheels and frames, windshield wipers, automotive bumpers, camshafts, connecting rods, crankshaft assemblies, cylinder heads, drive shafts, exhaust systems, fuel systems, heaters, hoods, horns, instrument board assemblies, lubrication systems, mufflers, power-transmission equipment, rear-axle housings, shock absorbers, steering mechanisms, universal joints, wheel rims, windshield frames, and automobile accessories, n.e.c.

A considerable number of components, parts, and accessories for motor vehicles are not classified in industry 3717 but are classified in other Standard Industrial Classification industries based on the characteristic of the product itself rather than the use to which it is put. Among the more important of these are automotive hardware, industry 3429; automotive stampings, industry 3461; diesel and semidiesel engines, industry 3519; sealed beam and other electric lamps, industry 3641; motor vehicle lighting fixtures, industry 3642; tire and inner tubes, industry 3011; automobile glass, industry 3211; ignition equipment such as spark plugs, distributors, switches, ignition coils, generators, cranking motors, etc., industry 3694; storage batteries, industry 3691; automobile radios, industry 3651; and carburetors and pistons, industry 3599.

372 AIRCRAFT AND PARTS:

- 3721 Aircraft (S-69; C-96).—Establishments primarily engaged in manufacturing or assembling complete aircraft. This industry includes establishments primarily engaged in factory type aircraft modification on a contract or fee basis. Establishments primarily engaged in manufacturing engines, propellers, and other aircraft parts and auxiliary equipment are classified in industries 3722, 3723, and 3729.
- 3722 Aircraft Engines and Engine Parts (S-87; C-93).—Establishments primarily engaged in manufacturing aircraft engines, complete missile or space vehicle engines, and/or propulsion units and their parts.
- 3723 Aircraft Propellers and Propeller Parts (S-48; C-81).—Establishments primarily engaged in manufacturing aircraft propellers and propeller parts.

3729 Aircraft Parts and Auxiliary Equipment, N.E.C. (S-75; C-59).—Establishments primarily engaged in manufacturing aircraft parts and auxiliary equipment, n.e.c. Establishments primarily engaged in manufacturing or assembling complete aircraft are classified in industry 3721, aircraft engines and parts in industry 3722, propellers and propeller parts in industry 3723, aeronautical instruments in industry 3811, and aeronautical electrical equipment in industry 3694.

373 SHIP AND BOAT BUILDING AND REPAIRING:

3731 Ship Building and Repairing (S-92; C-99).—Establishments primarily engaged in building and repairing all types of ships, barges, canal boats and lighters, whether propelled by sail or motor power or towed by other craft. This industry also included the conversion and reconversion of ships. Establishments primarily engaged in fabricating structural assemblies or components for ships or subcontractors engaged in ship painting, joinery, carpentry work, electrical wiring installations, etc. are not classified in this industry.

3732 Boat Building and Repairing (S-97; C-95).—Establishments primarily engaged in building and repairing of boats, except rubber boats (industry 3069). Establishments primarily engaged in cleaning and storing boats and the rental of dock space and yacht clubs are classified in nonmanufacturing industries.

374 RAILROAD EQUIPMENT:

3741 Locomotives and Parts (S-83; C-90).—Establishments primarily engaged in building and rebuilding locomotives (including frames and parts, n.e.c.) of any type or gauge. Railroad shops rebuilding and repairing locomotives or building new locomotives are classified in Major Group 40.

3742 Railroad and Street Cars (S-91; C-93).—Establishments primarily engaged in building and rebuilding railroad, street, and rapid transit cars and car equipment for operation on rails for freight and passenger service. This industry also includes establishments primarily engaged in manufacturing trackless trolley busses. Establishments primarily engaged in manufacturing mining cars are classified in industry 3532. Repair shops owned and operated by railroad or local transit companies rebuilding or repairing cars or building new cars for their own account are classified in Major Groups 40 and 41.

375 MOTORCYCLES, BICYCLES, AND PARTS:

3751 Motorcycles, Bicycles, and Parts (S-83; C-93).—Establishments primarily engaged in manufacturing motorcycles, bicycles, and similar equipment and parts. Establishments primarily engaged in assembling motorcycles or bicycles from purchased parts are also included in this industry. Establishments primarily engaged in manufacturing children's vehicles, except bicycles, are classified in industry 3943.

379 MISCELLANEOUS TRANSPORTATION EQUIPMENT:

3791 Trailer Coaches, Housing Type (S-98; C-99).—Establishments primarily engaged in manufacturing trailer coaches (mobile dwellings) for attachment to passenger cars and pickup coaches (campers) for mounting on pick-up trucks.

3799 Transportation Equipment, N.E.C. (S-89; C-75).—Establishments primarily engaged in manufacturing transportation equipment, n.e.c. Establishments primarily engaged in manufacturing industrial trucks, tractors, trailers, and stackers are classified in industry 3537 and children's vehicles, except bicycles, in industry 3943.

38 PROFESSIONAL, SCIENTIFIC, AND CONTROLLING INSTRUMENTS; PHOTOGRAPHIC AND OPTICAL GOODS; WATCHES AND CLOCKS

This major group includes establishments engaged in manufacturing mechanical measuring, engineering, laboratory, and scientific research instruments; optical instruments and lenses; surgical, medical, and dental instruments, equipment, and supplies; ophthalmic goods; photographic equipment and supplies; and watches and clocks. Establishments primarily engaged in manufacturing instruments for indicating, measuring, and recording electrical quantities and characteristics are classified in industry 3611.

381 ENGINEERING, LABORATORY, AND SCIENTIFIC AND RESEARCH INSTRUMENTS AND ASSOCIATED EQUIPMENT:

3811 Engineering, Laboratory, and Scientific and Research Instruments and Associated Equipment. (S-84; C-56).—Establishments primarily engaged in manufacturing laboratory,

scientific, and engineering instruments such as nautical, navigational, aeronautical, surveying, drafting, and instruments for laboratory work and scientific research (except optical instruments, industry 3831). Establishments primarily engaged in manufacturing surgical and medical instruments are classified in industry 3841, dental instruments and equipment in industry 3843, mechanical measuring and controlling instruments in industry 3821, machinists' precision measuring tools in industry 3545, instruments for indicating, measuring, and recording electrical quantities and characteristics in industry 3611, watches and clocks in industry 3871, measuring and dispensing pumps in industry 3586.

382 INSTRUMENTS FOR MEASURING, CONTROLLING, AND INDICATING PHYSICAL CHARACTERISTICS:

3821 Mechanical Measuring and Controlling Instruments, Except Automatic Temperature Controls (S-90; C-83).—Establishments primarily engaged in manufacturing industrial process instruments for indicating, recording, measuring, and controlling temperature (except automatic temperature controls, industry 3822), pressure and vacuum, fluid flow and liquid level, mechanical motion, rotation, humidity, density, acidity, alkalinity and combustion; dial pressure gauges; physical property testing apparatus such as hardness, tension, compression, torsion, ductility, elasticity testing apparatus.

3822 Automatic Temperature Controls (S-82; C-95).—Establishments primarily engaged in manufacturing automatic temperature controls activated by pressure, temperature, level, flow, time, or humidity (including pneumatic controls) of the type principally used as components of household apparatus. Establishments primarily engaged in manufacturing industrial electric controls are classified in industry 3622.

383 OPTICAL INSTRUMENTS AND LENSES:

3831 Optical Instruments and Lenses (S-90; C-61).—Establishments primarily engaged in the production of optical lenses and prisms, and in manufacturing optical instruments such as microscopes, telescopes, field and opera glasses, and optical measuring and testing instruments such as refractometers, spectrometers, spectroscopes, colorimeters, polariscopes. Establishments primarily engaged in manufacturing eyeglass lenses, frames, or fittings are classified in industry 3851 and those engaged in manufacturing sighting and fire control instruments, but not engaged in manufacturing optical components, in industry 1941.

384 SURGICAL, MEDICAL, AND DENTAL INSTRUMENTS AND SUPPLIES:

3841 Surgical and Medical Instruments and Apparatus (S-88; C-74).—Establishments primarily engaged in manufacturing medical, surgical, ophthalmic, and veterinary instruments and apparatus. Establishments primarily engaged in manufacturing surgical and orthopedic appliances are classified in industry 3842 and electrotherapeutic, electromedical, and X-ray apparatus in industry 3693.

3842 Orthopedic, Prosthetic, and Surgical Appliances and Supplies (S-80; C-90).—Establishments primarily engaged in manufacturing orthopedic, prosthetic, and surgical appliances and supplies, arch supports, and other foot appliances, fracture appliances, elastic hosiery, abdominal supporters, braces, and trusses, bandages, surgical gauze and dressings, sutures, adhesive tapes and medicated plasters, and personal safety appliances and equipment. Establishments primarily engaged in manufacturing surgical and medical instruments are classified in industry 3841. Establishments primarily engaged in manufacturing appliances and in the personal fitting to the individual prescription of a physician are classified in trade industries.

3843 Dental Equipment and Supplies (S-94; C-92).—Establishments primarily engaged in manufacturing artificial teeth, dental metals, alloys and amalgams, and a wide variety of equipment, instruments, and supplies used by dentists, dental laboratories, and dental colleges. Dental laboratories constructing artificial dentures, bridges, inlays, and other dental restorations on specifications from dentists are classified in service industries.

385 OPHTHALMIC GOODS:

3851 Ophthalmic Goods (S-86; C-92).—Establishments primarily engaged in manufacturing ophthalmic frames, lenses, and sun-glass lenses. Establishments primarily engaged in manufacturing slit lamps are classified in industry 3841 and

molded glass blanks in industry 3229. Establishments primarily engaged in grinding lenses and fitting glasses to prescription are classified in trade industries.

"Flatware" is defined for purposes of the census as all knives, forks, spoons, etc. made wholly of metal, including stainless steel knives, forks, and spoons, and carving sets with metal handles. Knives, forks, spoons, etc. with handles of materials other than metal are included in industry 3421.

386 PHOTOGRAPHIC EQUIPMENT AND SUPPLIES:

3861 Photographic Equipment and Supplies (S-95; C-97).—Establishments primarily engaged in manufacturing (1) photographic apparatus, equipment, parts, attachments, and accessories, such as still and motion picture cameras and projection apparatus; photocopy and microfilm equipment; blueprinting and diazotype (white printing) apparatus and equipment; and other photographic equipment; and (2) sensitized film, paper, cloth, and plates, and prepared photographic chemicals for use therewith. Establishments primarily engaged in manufacturing photographic paper stock (unsensitized), and paper mats, mounts, easels, and folders for photographic use are classified in Major Group 26, photographic lenses in industry 3831, photographic glass in Major Group 32, chemicals for technical purposes, not specifically prepared and packaged for use in photography, in Major Group 28, and photographic flash, flood, enlarger, and projection lamps in industry 3641.

387 WATCHES, CLOCKS, CLOCKWORK OPERATED DEVICES, AND PARTS:

3871 Watches, Clocks, and Parts, Except Watchcases (S-82; C-95).—Establishments primarily engaged in manufacturing clocks (including electric), watches, mechanisms for clockwork operated devices, and clock and watch parts. This industry includes establishments primarily engaged in assembling clocks and watches from purchased movements and cases. Establishments primarily engaged in manufacturing watchcases are classified in industry 3872, glass crystals in industry 3231, and unbreakable crystals in industry 3079.

3872 Watchcases (S-86; C-97).—Establishments primarily engaged in the manufacture of watchcases, for sale as such. Establishments primarily engaged in assembling complete watches by assembling purchased movements with watchcases of their own manufacture are classified in industry 3871.

39 MISCELLANEOUS MANUFACTURING INDUSTRIES

This major group includes establishments primarily engaged in manufacturing products not classified in any other manufacturing major group. Industries in this group fall into the following categories: Jewelry, silverware and plated ware; musical instruments; toys, sporting and athletic goods; pens, pencils, and other office and artists' materials; buttons, costume novelties, miscellaneous notions; brooms and brushes; morticians' goods, and other miscellaneous manufacturing industries.

391 JEWELRY, SILVERWARE, AND PLATED WARE:

3911 Jewelry (Precious Metal) (S-92; C-97).—Establishments primarily engaged in manufacturing jewelry and other articles, worn on or carried about the person, made of precious metals with or without stones (including the setting of stones where stones are used), including cigarette cases and lighters, vanity cases and compacts, trimmings for umbrellas and canes, and jewel settings and mountings. Establishments primarily engaged in manufacturing costume jewelry from nonprecious metals and other materials are classified in industry 3961.

3912 Jewelers' Findings and Materials (S-92; C-89).—Establishments primarily engaged in manufacturing unassembled jewelry parts and stock shop products such as sheet, wire, and tubing. Establishments primarily engaged in lapidary work are classified in industry 3913.

3913 Lapidary Work (S-93; C-81).—Establishments of lapidaries primarily engaged in cutting, slabbing, tumbling, carving, engraving, polishing, or faceting stones from natural or man-made precious or semi-precious gem raw materials, either for sale or on a contract basis for the trade; in recutting, repolishing, and setting gem stones; or in cutting, drilling, and otherwise preparing jewels for instruments, dies, watches, chronometers, and other industrial uses. This industry includes the drilling, sawing, and peeling of real or cultured pearls, but does not include the manufacture of artificial pearls (industry 3961).

3914 Silverware and Plated Ware (S-95; C-98).—Establishments primarily engaged in manufacturing flatware (including knives, forks, and spoons), hollow ware, toilet ware, ecclesiastical ware, and related products made of sterling silver, of metal plated with silver, gold, or other metal, of nickel silver, of pewter, or of stainless steel.

393 MUSICAL INSTRUMENTS AND PARTS:

3931 Musical Instruments and Parts (S-97; C-92).—Establishments primarily engaged in manufacturing pianos, with or without player attachments, organs, other musical instruments, and parts and materials for musical instruments.

394 TOYS, AMUSEMENT, SPORTING AND ATHLETIC GOODS:

3941 Games and Toys, Except Dolls and Children's Vehicles (S-92; C-91).—Establishments primarily engaged in manufacturing indoor games and game sets for adults and children, and mechanical and nonmechanical toys. Important products of this industry include games such as chess, checkers, dominoes, puzzles, and other indoor games, and toys such as toy furniture, doll carriages and carts, construction sets, mechanical trains, toy guns and air rifles, and other mechanical games and toys. Establishments primarily engaged in manufacturing dolls are classified in industry 3942, children's outdoor wheel goods and vehicles, except bicycles, in industry 3943, and sporting and athletic goods for children and adults in industry 3949.

3942 Dolls (S-80-85; C-87).—Establishments primarily engaged in manufacturing dolls, doll parts, and doll clothing. Establishments primarily engaged in manufacturing stuffed toy animals are also included in this industry.

3943 Children's Vehicles, Except Bicycles (S-71; C-65).—Establishments primarily engaged in manufacturing baby carriages, strollers, and gocarts, children's velocipedes and tricycles, coaster wagons, play cars, sleds, and other children's outdoor wheel goods and vehicles, except bicycles (industry 3751).

3949 Sporting and Athletic Goods, N.E.C. (S-93; C-91).—Establishments primarily engaged in manufacturing sporting and athletic goods, n.e.c., such as fishing tackle, golf and tennis goods, baseball, football, basketball, and boxing equipment, roller skates and ice skates, gymnasium and playground equipment, billiard and pool tables, and bowling alleys and equipment. Establishments primarily engaged in manufacturing athletic apparel are classified in Major Group 23, small arms ammunition in industry 1961, and firearms in industry 1951.

395 PENS, PENCILS, AND OTHER OFFICE AND ARTISTS' MATERIALS:

3951 Pens, Pen Points, Fountain Pens, Ballpoint Pens, Mechanical Pencils, and Parts (S-90; C-93).—Establishments primarily engaged in manufacturing pens, pen points, fountain pens, ball point pens, refill cartridges, and parts for pens and mechanical pencils.

3952 Lead Pencils, Crayons, and Artists' Materials (S-87; C-90).—Establishments primarily engaged in manufacturing lead pencils, pencil leads, and crayons; materials and equipment for art work such as airbrushes, drawing tables and boards, palettes, sketch boxes, pantographs, artists' colors and waxes, pyrography goods, drawing inks, and drafting materials. Establishments primarily engaged in manufacturing mechanical pencils are classified in industry 3951 and drafting instruments in industry 3811.

3953 Marking Devices (S-84; C-90).—Establishments primarily engaged in manufacturing rubber and metal hand stamps, dies, and seals, steel letters and figures, and stencils for use in painting or marking.

3955 Carbon Paper and Inked Ribbons (S-95; C-83).—Establishments primarily engaged in manufacturing carbon paper for business machines, salesbooks, etc., spirit or gelatin process and other stencil paper, and inked ribbons for business machines.

396 COSTUME JEWELRY, COSTUME NOVELTIES, BUTTONS, AND MISCELLANEOUS NOTIONS, EXCEPT PRECIOUS METAL:

3961 Costume Jewelry and Costume Novelties, Except Precious Metal (S-95; C-95).—Establishments primarily engaged in manufacturing costume jewelry, costume novelties, and ornaments made of all materials, except precious metal, precious or semiprecious stones, and rolled gold plate and gold filled materials (industry 3911).

- 3962 Feathers, Plumes, and Artificial Flowers (S-97; C-87).—Establishments primarily engaged in manufacturing artificial flowers, fruits, and foliage made from all materials except glass (industry 3231), in producing fancy feathers, plumes, and articles made principally of feathers and plumes, and curling, dyeing, and renovating ostrich feathers for the trade.
- 3963 Buttons (S-96; C-87).—Establishments primarily engaged in manufacturing buttons, button parts, and button blanks and molds, of all materials except precious metal and precious or semiprecious stones (industry 3911).
- 3964 Needles, Pins, Hooks and Eyes, and Similar Notions (S-91; C-92).—Establishments primarily engaged in manufacturing notions, such as machine and hand needles, pins, hooks and eyes, eyelets, buckles, and slide and snap fasteners.
- 398 } MISCELLANEOUS MANUFACTURING INDUSTRIES:
399 }
- 3981 Brooms and Brushes (S-89; C-93).—Establishments primarily engaged in manufacturing household, industrial, and street sweeping brooms; and brushes such as paint brushes, tooth-brushes, toilet brushes, and household and industrial brushes.
- 3982 Linoleum, Asphalted-Felt-Base, and Other Hard Surface Floor Coverings, N.E.C. (S-82; C-98).—Establishments primarily engaged in manufacturing linoleum, asphalted-felt-base, and other hard surface floor coverings, n.e.c. Establishments primarily engaged in manufacturing rubber floor coverings are classified in industry 3069 and cork floor and wall tile in industry 2499. Also excluded are establishments primarily engaged in manufacturing unsupported plastic floor coverings (industry 3079) and asphalt tile and vinyl asbestos floor tile (industry 3292).
- 3983 Matches (S-95-100; C-95-100).—Establishments primarily engaged in manufacturing matches, regardless of the material used.
- 3984 Candles (S-95; C-94).—Establishments primarily engaged in manufacturing candles from fatty acids or from mineral and animal waxes.
- 3987 Lamp Shades (S-96; C-98).—Establishments primarily engaged in manufacturing lamp shades of all materials except glass (industry 3229) and metal (industry 3642).
- 3988 Morticians' Goods (S-95; C-98).—Establishments primarily engaged in manufacturing caskets, coffins, burial cases, and coffin shipping cases, whether of wood or other material, except concrete (industry 3272); morticians' supplies and accessories, such as burial garments, gloves, slippers, casket linings, and embalming fluids; and morticians' paraphernalia and equipment.
- 3992 Furs, Dressed and Dyed (S-98; C-94).—Establishments primarily engaged in scraping, currying, tanning, bleaching, and dyeing pelts.
- 3993 Signs and Advertising Displays (S-96; C-95).—Establishments primarily engaged in manufacturing electrical, mechanical, cutout, or plate signs and advertising displays, including neon signs and advertising novelties. Sign painting shops doing business on a custom basis are classified in service industries. Establishments primarily engaged in manufacturing electric signal equipment are classified in industry 3662 and lighting fixtures in industry 3642.
- 3995 Umbrellas, Parasols, and Canes (S-95; C-98).—Establishments primarily engaged in manufacturing umbrellas, parasols, canes, and trimmings, frames, handles, and other parts.
- 3999 Manufacturing Industries, N.E.C. (S-94; C-84).—Establishments primarily engaged in manufacturing miscellaneous fabricated products, including fire extinguishers, beauty shop and barber shop equipment, hair work, tobacco pipes and cigarette holders, coin-operated amusement machines, and many other articles, n.e.c.
- 19 GUNS, HOWITZERS, MORTARS, AND RELATED EQUIPMENT OVER 30 MM (OR OVER 1.18 INCHES):
- 1911 Guns, Howitzers, Mortars, and Related Equipment Over 30MM (Or Over 1.18 Inches) (S-NA ; C-(NA).—Establishments primarily engaged in manufacturing naval, aircraft, antiaircraft, tank, coast, and field artillery having a bore over 30 mm (or over 1.18 inch) and components. Establishments primarily engaged in manufacturing small arms and parts 30 mm (or 1.18 inch) and below are classified in industry 1951.
- 192 AMMUNITION, EXCEPT FOR SMALL ARMS:
- 1925 Guided Missiles and Space Vehicles, Completely Assembled (S-94; C-69).—Establishments primarily engaged in manufacturing complete guided missiles and space vehicles and in doing research and development on complete guided missiles and space vehicles. Establishments engaged in manufacturing guided missile components and in doing research and development on guided missile components are classified in industry 3729.
- 1929 Ammunition, Except for Small Arms, N.E.C. (S-70; C-82).—Establishments primarily engaged in manufacturing ammunition, n.e.c., or in loading and assembling ammunition over 30 mm (or over 1.18 inch) for naval, aircraft, antiaircraft, tank, coast, and field artillery, including component parts. This industry also includes establishments primarily engaged in manufacturing bombs, mines, torpedoes, grenades, depth charges, chemical warfare projectiles, and their component parts. Establishments primarily engaged in manufacturing small arms ammunition are classified in industry 1961, explosives in industry 2892, and military pyrotechnics are classified in industry 2899.
- 193 TANKS AND TANK COMPONENTS:
- 1931 Tanks and Tank Components (S-95; C-79).—Establishments primarily engaged in manufacturing or assembling complete tanks and specialized components for tanks. Establishments primarily engaged in manufacturing military vehicles other than tanks are classified in Industry Group 371 and tank engines in industry 3519.
- 194 SIGHTING AND FIRE CONTROL EQUIPMENT:
- 1941 Sighting and Fire Control Equipment (S-57; C-80).—Establishments primarily engaged in manufacturing sighting and fire control equipment, but which are not engaged in manufacturing optical lenses and prisms. Important products of this industry include bomb sights, percentage correctors, wind correctors, directors and sound locators. Establishments engaged in manufacturing optical lenses and prisms and also manufacturing sighting and fire control equipment are classified in industry 3831.
- 195 SMALL ARMS:
- 1951 Small Arms, 30 MM and Under (or 1.18 Inches and Under) (S-95; C-82).—Establishments primarily engaged in manufacturing small firearms having a bore 30 mm (or 1.18 inch) and below, and parts for small firearms. Establishments primarily engaged in manufacturing artillery and mortars having a bore over 30 mm (or over 1.18 inch), and component parts are classified in industry 1911.
- 196 SMALL ARMS AMMUNITION:
- 1961 Small Arms Ammunition 30 MM and Under (or 1.18 Inches and Under) (S-85-90; C-92).—Establishments primarily engaged in manufacturing ammunition for small arms having a bore of 30 mm (or 1.18 inch) and below. Establishments primarily engaged in manufacturing ammunition except for small arms are classified in Industry Group 192, blasting and detonating caps, and safety fuses in industry 2892, and fireworks in industry 2899.
- 199 ORDNANCE AND ACCESSORIES, N.E.C.:
- 1999 Ordnance and Accessories, N.E.C. (S-78; C-69)²⁷.—This industry comprises establishments primarily engaged in manufacturing ordnance and accessories, n.e.c.

(NA) Not available.
D Withheld to avoid disclosing figures for individual companies.

¹Percentages are based on figures containing significant duplication.

²This ratio results from inclusion of finished cotton broad woven fabrics (except commission finishing) which are also primary to industry 2211. A coverage ratio computed on the basis of including both industries to which finished synthetic broad woven fabrics are primary would come to 77 percent.

³This ratio results from inclusion of finished broad woven synthetic fabrics (except commission finishing) which are also primary to industry 2221. A coverage ratio computed on the basis of including both industries to which finished synthetic broad woven fabrics are primary would come to 77 percent.

⁴This ratio results from inclusion of finished yarns except wool, also primary to industry 2281. A coverage ratio computed on the basis of including both industries to which finished yarns, except wool, are primary, would come to 90 percent in 1963.

⁵Includes products of knitting mills (SIC Group 225) which are primary to industries 2253 and 2254.

⁶Includes similar products made in knitting mills.

⁷Low coverage ratio due to large amount of wood chips, primary to industry 2429, manufactured in industry 2421.

⁸The products of Government-owned, privately operated establishments did not enter into the calculation of these ratios. All receipts by these establishments were treated as "Miscellaneous receipts" rather than as primary or secondary products.

⁹Includes lubricating oils and greases, also primary to industry 2992.

¹⁰Includes lubricating oils and greases, also primary to industry 2911. For 1963, the coverage ratio computed on the basis of including both industries to which lubricating oils and greases are primary would come to 98 percent, 65 percent by industry 2911 and 33 percent by industry 2992. Computed on the basis of excluding 2911, the 1963 coverage ratio is 93 percent for 2992.

¹¹This is a minimum percentage. The exact percentage cannot be shown without disclosing figures for individual companies.

¹²The value of shipments for this industry includes duplication; the products of some establishments are used as materials by others. Specialization ratio computed on the basis of net value of shipments would approximate 94 percent. A coverage ratio for this industry cannot be precisely computed. However, such a ratio would exceed 86 percent.

¹³Includes small amount of primary products made in other industries to avoid disclosing figures for individual companies. This amount, however, constitutes less than 2 percent of the total.

¹⁴Ratios have not been calculated because the shipments of primary products contain extensive duplication.

¹⁵Included in this industry is refined zinc, also primary to industry 3341. A coverage ratio computed on the basis of including both industries

to which refined zinc is primary would total 96 percent: 81 percent by industry 3333 and 15 percent by industry 3641.

¹⁶Included in this industry are aluminum-base alloys, also primary to industry 3341 and industry 3352. A coverage ratio computed on the basis of including all three industries to which aluminum-base alloys are primary would total 96 percent: 75 percent by industry 3334, 17 percent by industry 3341, and 4 percent by industry 3352.

¹⁷Included in this industry are refined nonferrous alloys, n.e.c., also primary to industry 3341. A coverage ratio computed on the basis of including both industries to which refined nonferrous alloys, n.e.c., are primary would total 59 percent: 39 percent by industry 3341, 20 percent by industry 3341.

¹⁸Included in this industry are refined copper, lead, zinc, aluminum, precious metals, and other nonferrous metals. Each of these is also primary to the comparable primary smelting and refining industry in Industry Group 333. A coverage ratio computed on the basis of including both industries to which these products are primary would total 89 percent: 26 percent by industry 3341, 63 percent by primary nonferrous smelters and refiners.

¹⁹Included in this industry is aluminum and aluminum-base alloy wire (including ACSR), also primary to industry 3357. A coverage ratio computed on the basis of including both industries to which aluminum and aluminum-base alloy wire (including ACSR) is primary would, in 1963, total 96 percent: 93 percent by industry 3352 and 3 percent by industry 3357. For 1958, comparable percentage was 96: 92 percent by industry 3352 and 4 percent by industry 3357.

²⁰Included in this industry is other nonferrous metal wire, also primary to industry 3357. A coverage ratio computed on the basis of including both industries to which nonferrous metal wire is primary would, in 1963, total 85 percent: 81 percent by industry 3356 and 4 percent by industry 3357.

²¹Included in this industry are aluminum and aluminum-base alloy wire (including ACSR), other nonferrous metal wire, nonferrous woven wire products, and appliance wire and cord and flexible cord sets, also primary respectively to industries 3352, 3356, 3481, and 3699. A coverage ratio computed on the basis of including the industries to which these products are primary would, in 1963, total 94 percent: 86 percent by industry 3357, and 8 percent by industries 3352, 3356, 3481, and 3699.

²²Included in this industry are open die hammer and press forgings, also primary to industry 3312. A coverage ratio computed on the basis of including both industries to which open die hammer and press forgings are primary would total 80 percent: 69 percent by industry 3391 and 11 percent by industry 3312.

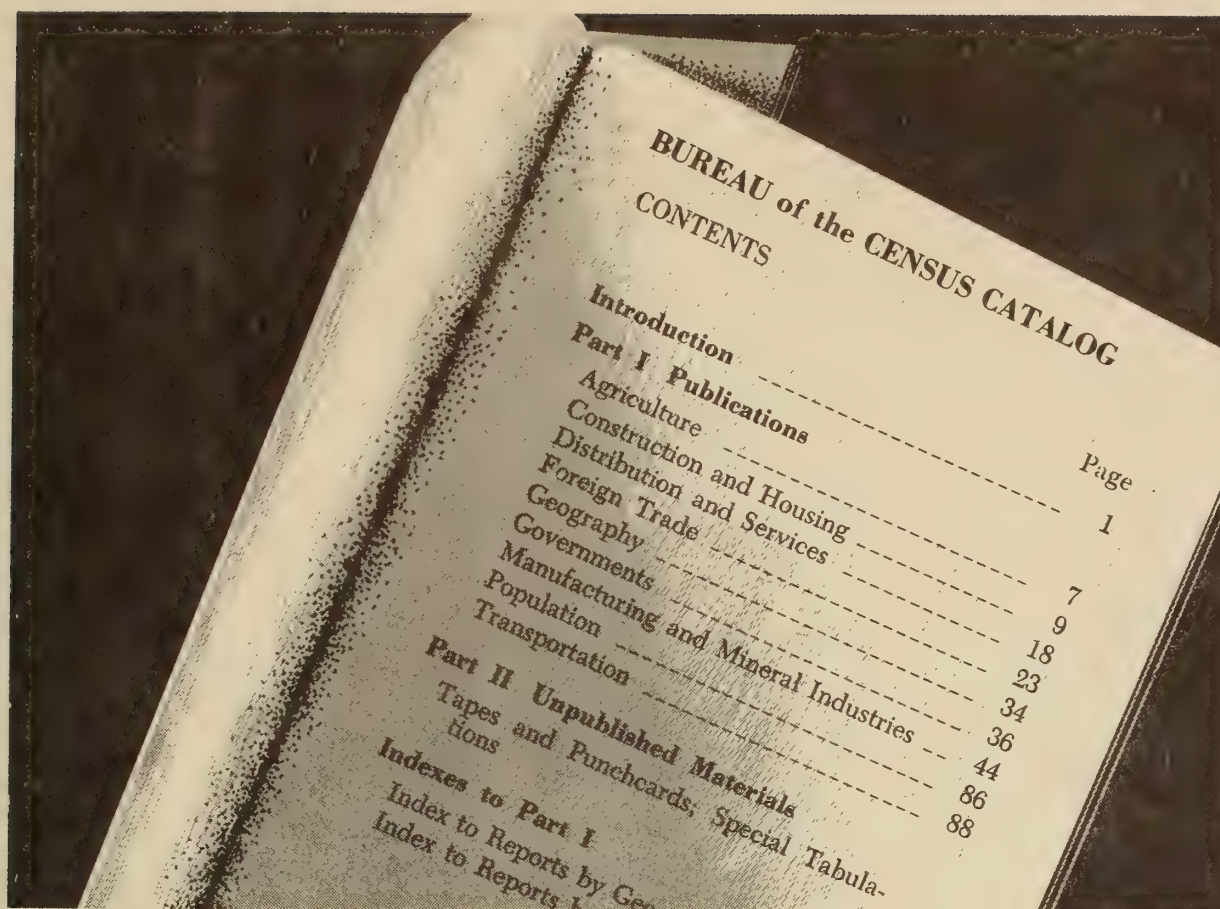
²³Specialization ratio not meaningful because of predominance of receipts for contract and commission work on materials owned by others. Such receipts are treated as primary products for this industry.

²⁴Data on receipts for the primary services of this industry are not available for establishments classified in other industries.

²⁵Included in this industry are selected fabricated wire products also primary to industry 3315. A coverage ratio computed on the basis of including both industries to which these products are primary would total 79 percent: 65 percent by industry 3481 and 14 percent by industry 3315.

²⁶Included in this industry are appliance wire and cord sets, also primary to industry 3357. For 1963, a coverage ratio computed on the basis of including both industries to which appliance wire and cord sets are primary would total 79 percent: 49 percent by industry 3699 and 30 percent by industry 3357.

²⁷Calculated on the basis of inclusion of the products primary to industry 1911 as primary to industry 1999. The coverage ratio for industry 1999 alone is 72 percent.



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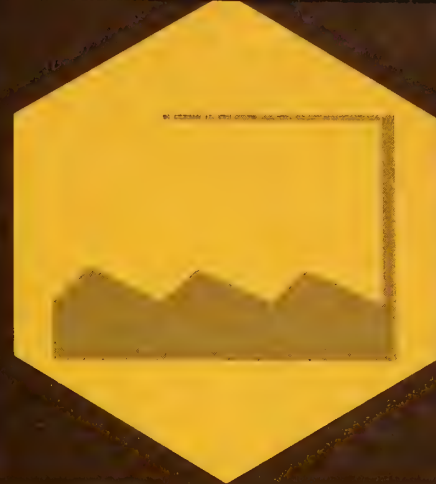
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1963 CENSUS OF MANUFACTURES

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Establishment Statistics
by Company
Employment Size

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INDUSTRY DIVISION

Owen C. Gretton, Chief

ACKNOWLEDGMENTS: This report was prepared in the Industry Division under the direction of Edward A. Robinson, Assistant Chief for Economic Research. Conrad J. Jacob and Eugene L. Rossidivito were directly responsible for the review of the data and preparation of the report.

(Issued January 1968)

SUGGESTED CITATION

U.S. Bureau of the Census, Census of Manufactures: 1963. **Establishment Statistics by Company Employment Size, MC63(S)-7.** Washington, D.C. 20233, 1967.

For sale by the Superintendent of Documents, Government Printing Office
Washington, D.C., 20402 - Price 50 cents

1963

Census of Manufactures Publication Program

Final results of the 1963 Census of Manufactures are published in three volumes, each containing a specific type of data.

VOLUME I. SUMMARY AND SUBJECT STATISTICS

In addition to a summary chapter presenting the basic data historically for industries and geographic areas, separate chapters present data on a subject basis. Chapter titles are as follows:

1. General Summary
2. Size of Establishments
3. Type of Organization
4. Manufacturers' Inventories
5. Expenditures for Plant and Equipment
6. Power Equipment in Manufacturing Industries
7. Fuels and Electric Energy
8. Selected Materials Consumed
9. Selected Metalworking Operations
10. Water Use in Manufacturing
11. Concentration Ratios in Manufacturing Industries

Three special reports are also included in this volume: Manufacturing Activity in Government Establishments, Shipments of Defense Oriented Industries, and Origin of Exports of Manufactured Products. Each of the chapters in this volume was previously published as a separate report (Series MC63(1)—, numbers 1 to 10. Chapter 11 was issued as a special report for the Senate Subcommittee on Anti-trust and Monopoly.)

VOLUME II. INDUSTRY STATISTICS

This volume contains separate chapters for each of 80 groups of related industries which cover approximately 430 individual industries. Statistics are shown on detailed product shipments and materials consumption in terms of quantity and value, cost of fuels and electric energy, value added by manufacture, employment, payrolls, inventories, and capital expenditures. Selected statistics are included for earlier census years. This volume is published in two parts. Part 1 contains a general summary chapter and chapters for SIC Major Groups 20 to 28, as well as chapters for related industries within these major groups; Part 2 contains chapters for SIC Major Groups 29 to 39 and 19 as well as chapters for related industries within these major groups. A special report, Manufacturing Activity in Government

Establishments, is included in both parts of this volume. The 80 related-industry chapters were previously published as separate reports in series MC63(2)—, 19A to 39D.

VOLUME III. AREA STATISTICS

This volume contains separate chapters for each State and the District of Columbia. The statistics include all-manufacturing totals for the State and its standard metropolitan statistical areas, counties, and cities with populations of 10,000 or more, with industry detail for the larger areas. The volume also includes a summary chapter presenting data for each of the nine geographic divisions and a special report, Manufacturing Activity in Government Establishments. Each State chapter was previously published as a separate report in Series MC63(3)—, 1 to 51.

OTHER REPORTS

Two series of reports have been issued showing the number of manufacturing establishments in each of the approximately 430 manufacturing industries classified according to their employment size class and the State and county within which they are located. The first series places emphasis on the industry, showing data by location (State and county). Nine separate reports present data for 20 major industry groups. The second series places emphasis on the location showing data by industry. Nine reports—one for each of the nine geographic divisions of the United States—were published in this series. The series titles are as follows:

Location of Manufacturing Plants by Industry, County, and Employment Size (MC63(S)—3, numbers 1 to 9)

Location of Manufacturing Plants by County, Industry, and Employment Size (MC63(S)—4, numbers 1 to 9)

The 1963 Census of Mineral Industries Publication Program

The 1963 Census of Mineral Industries was conducted jointly with the census of manufactures. This census was similar in scope and in publication program. Final results are published in two volumes, as follows:

Volume I. Summary and Industry Statistics, contains a summary chapter, 5 subject-type chapters, and 18 chapters showing related mineral industries.

Volume II. Area Statistics, contains separate chapters for each State (Delaware, Maryland, and the District of Columbia are combined).

Introduction

GENERAL--This report is a supplement to the 1963 Census of Manufactures, Volume I, Summary and Subject Statistics. This volume provides data on special subjects such as inventories, capital expenditures, type of organization, size of establishment, concentration ratios in manufacturing, etc. The contents of each of the three volumes of the 1963 Census of Manufactures are described on page i.

This special report provides information on total employment and payrolls; production worker employment, payrolls and man-hours; value of shipments and value added by manufacture of establishments classified according to the industry of the establishment and the employment size of the company operating the establishment.

Each company operating manufacturing establishments was classified into one of the employment size categories based on its total number of employees at all manufacturing establishments including central administrative offices and auxiliaries supporting manufacturing. Therefore, all establishments of a company are included in the same employment size column regardless of the size of the establishment.

The statistics for a given industry include only those establishments classified in that industry. A company which operates establishments in several industries will be included in the company counts in each separate 4-digit Standard Industrial Classification industry. An unduplicated count of the number of companies in each size class operating establishments in 2-digit major industry groups and all manufacturing is not available.

A similar tabulation was prepared from 1958 Census of Manufactures data and was published as table 6 of the Special Report, "Concentration Ratios in Manufacturing Industry, 1958." The determination of company size differed slightly between 1958 and 1963. In the 1958 tabulation, a company's size was determined by its employment at manufacturing

establishments only, whereas in 1963 the employment at central administrative offices and auxiliaries was also taken into account.

The basis for the size classification differs from that used to prepare related 1963 data by size. The data included in Volume I, "Chapter 2, Size of Establishments," are based on the size classification of the individual establishment while the size classifications used in preparing the employment size tables in the 1963 Census report series ES-3 Enterprise Statistics 1963, Part I, General Report on Industrial Organization, are determined by the total number of employees of a company, including employees at nonmanufacturing establishments.

The "Introduction" to the final volumes of the Census of Manufactures treats at greater length many of the subjects described in this introduction. For example, the volume text discusses the relationship of value added by manufacture to national income by industrial origin; the changes in statistical concepts over the history of the census; the valuation problems arising from intracompany transfers between manufacturing plants of a company and between manufacturing plants and sales offices and sales branches of a company.

The 1963 census is the 27th census of manufactures of the United States. The first census of manufactures covered 1809, and (with the exception of 1829) a census was taken at 10-year intervals in connection with the decennial census of population up to and including 1899. It was conducted at 5-year intervals from 1904 through 1919, and every other year from 1921 through 1939. The census was suspended during World War II, but it was resumed for 1947. Present legislation (Title 13, U.S. Code) provides for a census of manufactures every 5 years, with annual sample surveys authorized for interim years. Such "Annual Surveys of Manufactures" were taken during the years 1949 through 1953, 1955 through 1957, 1959 through 1962, and 1964 through 1966. Recent amendments to the legislation stipulate that the census be conducted covering years ending in "2" and "7." Thus, the next census will be taken in 1968 covering manufacturing activity during 1967.

The 1963 Census of Manufactures was conducted jointly with the censuses of business (wholesale, retail, and services) and mineral industries, covering the United States, Guam and the Virgin Islands. Separate censuses of manufactures and

business for 1963 were also conducted in Puerto Rico jointly with the Commonwealth Government.

SCOPE OF CENSUS OF MANUFACTURES: DEFINITION OF MANUFACTURING INDUSTRIES—The 1963 Census of Manufactures covers all establishments primarily engaged in manufacturing as defined in the 1957 edition of the Standard Industrial Classification Manual, as amended to date. The system of industrial classification was developed over a period of years by experts on classification in government and private industry under the guidance of the Bureau of the Budget. This system of classification is in general use among government agencies and also outside the government. In 1957 the system was extensively revised and historical comparability of some data seriously affected. This revision and its effects on census series are discussed at length in the introduction and appendixes to the 1958 census volumes.

The Standard Industrial Classification Manual defines manufacturing as the mechanical or chemical transformation of inorganic or organic substances into new products. The assembly of component parts of products is also considered to be manufacturing if the resulting product is neither a structure nor other fixed improvement. These activities are usually carried on in plants, factories, or mills, which characteristically use power-driven machines and materials-handling equipment.

Manufacturing production is usually carried on for the wholesale market, for transfers to other plants of the same company, or to the order of industrial users rather than for direct sale to the household consumer. Some manufacturers in a few industries sell chiefly at retail to household consumers through the mail, through house-to-house routes, or through salesmen. Some activities of a service nature (enameling, engraving, etc.) are included in manufacturing when they are performed primarily for the trade; but they are considered nonmanufacturing when they are performed primarily to the order of the household consumer.

ESTABLISHMENT BASIS OF REPORTING—The census of manufactures is conducted on an establishment basis. That is, a company operating establishments at more than one location is required to submit a report for each location; also, companies engaged in distinctly different lines of activity at one location are required to submit separate reports if the plant records permit such a separation and if the activities are substantial in size.

Census tabulations of establishment reports, therefore, differ substantially from those prepared on a company basis; i.e., from consolidated reports which not only combine activities at different locations (thereby eliminating interplant transfers) but also include the nonmanufacturing activities of companies primarily engaged in manufacturing.

In 1963, as in earlier years, a minimum size limit was set for including establishments in the census. Reports were required from all establishments employing one or more persons at any time during the census year. The same size limitation has applied since 1947 in censuses and annual surveys of manufactures. In the 1939 and earlier censuses, establishments with less than \$5,000 value of products were excluded. The change in the minimum size limit in 1947 does not appreciably affect the historical comparability of the census figures except for data on number of establishments for a few industries.

INDUSTRY CLASSIFICATION OF ESTABLISHMENTS—Each of the establishments covered in the census was classified in one of approximately 425 manufacturing industries in accordance with the industry definitions embodied in the Standard Industrial Classification (SIC) system. Under this system of classification, an industry is generally defined as a group of establishments producing a single product or more or less closely related group of products. The product groupings from which industry classifications are derived are based on such considerations as whether they are typically produced by the same establishment, similarity of manufacturing processes, types of material used, types of customers, and the like. The resulting group of plants must be significant in terms of their number, value added by manufacturing, value of shipments, and number of employees. The application of these criteria has led to the establishment of 425 manufacturing industries. The system operates in such a way that the definitions become progressively narrower with successive additions of numerical digits. At one extreme are the 21 very broad 2-digit groups and at the other about 10,000 individual 7-digit products. In between are approximately 150 3-digit groups, 425 4-digit industries, and 1,100 5-digit product classes. The 7-digit products and 5-digit product classes are considered the primary products of the industry with the same first four digits. Accordingly, an establishment is classified in a particular industry if its production of the primary products of that industry exceeds in value its production of products of any other single industry. In a few instances, however, the industry classification of an establishment is determined not only by the products it makes but also by the processes employed in making those products.

While some establishments produce only the primary products of the industry in which they are classified, it rarely happens that all the establishments in an industry specialize to this extent. The general statistics (employment, inventories, value added by manufacture, total value of shipments including resales and miscellaneous receipts, etc.) shown for an industry, therefore, reflect not only the primary activities of the establishments in that industry but also their activities of a secondary nature.

However, in many industries establishments making products falling into the same industry category may use a variety of processes and materials to produce them. Also, within the same industry classification based on end products may be included establishments which are highly integrated and those which put only the finishing touches on an already highly fabricated item. For example, in the refrigeration industry, there are instances of almost complete integration in which the production of the compressor and condensing unit, electric motor, and even the castings for those intermediate products, as well as the stamping of the case and the final assembly, are all carried on at one plant. On the other hand, the condensing unit, the motor and the case may be purchased and merely assembled into the finished product. In some instances, separate industry categories have been established for integrated and nonintegrated establishments.

THE CENSUS REPORT FORMS—The 1963 Census of Manufactures, similar to all those since 1947, was completely a mail canvass. The diversity of manufacturing activities made it necessary to use over 200 different report forms to canvass the approximately 425 manufacturing industries. However, "standard" forms, requiring full census detail were sent only to those manufacturing plants above a given size in terms of number of employees. In order to minimize the cost and reporting burden for the numerous smaller establishments which typically have less detailed records and represent a very minor portion of manufacturing output and employment, special short forms were developed. The data requirements for small establishments were limited to a few key items on employment, payroll, total cost of materials, and a preprinted list of product class items in the shipments inquiry. In only a few industries did these small plants account for a substantial portion of the industry's total output in the aggregate. In these industries, modified short forms were used which requested shipments data for specified 7-digit products. While the size cutoffs for short forms varied according to the industry, they ranged from less than 4 to less than 10 employees.

From the administrative records of the Bureau of Old-Age and Survivors Insurance, and existing Bureau of the Census records it was possible to determine correctly, in most cases, the type of form each manufacturing establishment should receive.

CONFIDENTIALITY OF DATA FOR INDIVIDUAL COMPANIES—The Bureau of the Census is prohibited by law from publishing any statistics that disclose information reported by individual companies. In suppressing figures to avoid disclosing information of individual companies, geographic region and division totals are given precedence over individual States; States are given precedence over standard metropolitan statistical areas; standard metropolitan statistical areas over counties; and counties over cities. In tables showing industry detail, major industry group (2-digit) totals take preference over industry group (3-digit) totals which, in turn, take precedence over individual (4-digit) industries.

ABBREVIATIONS—The following abbreviations and symbols occur frequently, both in the census tables and footnotes:

-	zero
X	not applicable
NA	not available
D	withheld to avoid disclosing figures for individual companies
n.e.c.	not elsewhere classified
n.s.k.	not specified by kind
lin.	linear
equiv.	equivalent
SIC	Standard Industrial Classification

Other abbreviations, such as lb., gal., yd., doz., and bbl., are used in the customary sense. Where the term "tons" only is used, it refers to short tons of 2,000 lbs.; where the figures are expressed in tons of 2,240 lbs., the unit of measure is specified as "long tons" or "gross tons."

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
	ALL INDUSTRIES ³							
Companies.....number..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Establishments.....do....	306,617	242,101	18,878	14,047	6,622	4,675	5,188	15,106
All employees:								
Total.....do....	16,234,506	2,384,075	1,197,235	1,658,370	1,186,534	1,041,169	1,354,566	7,412,557
Payroll.....\$1,000..	93,288,785	11,342,338	5,832,874	8,173,739	5,977,976	5,491,106	7,551,563	48,919,189
Production workers:								
Total.....number..	12,232,041	1,842,992	945,634	1,284,767	924,670	792,890	1,028,777	5,412,311
Man-hours.....1,000..	24,509,450	3,624,807	1,860,747	2,573,768	1,847,813	1,590,000	2,066,817	10,945,498
Wages.....\$1,000..	62,093,601	7,874,825	3,951,341	5,481,885	4,012,360	3,636,666	5,065,411	32,071,113
Value added, adjusted.....do....	192,103,102	21,417,459	10,487,688	15,048,181	11,204,311	11,593,754	16,170,714	106,180,995
Value of shipments ⁴do....	420,528,098	45,770,496	22,733,581	32,747,041	24,382,967	24,885,992	32,741,214	237,266,807
	MAJOR GROUP 20.--FOOD AND KINDRED PRODUCTS							
Companies.....number..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Establishments.....do....	37,521	27,465	2,409	2,062	1,162	779	850	2,794
All employees:								
Total.....do....	1,643,111	304,048	146,597	218,861	150,275	131,808	138,044	553,478
Payroll.....\$1,000..	8,637,152	1,290,836	702,124	1,089,705	769,324	716,601	793,004	3,275,558
Production workers:								
Total.....number..	1,098,116	194,454	92,541	140,582	98,176	91,282	97,941	383,140
Man-hours.....1,000..	2,228,013	399,849	188,576	283,442	203,616	186,103	200,115	766,312
Wages.....\$1,000..	5,159,376	731,568	371,261	585,658	428,931	431,767	501,925	2,108,266
Value added, adjusted.....do....	21,825,516	2,930,427	1,502,938	2,393,882	1,738,908	1,930,032	2,151,269	9,178,060
Value of shipments ⁴do....	68,466,487	9,664,080	5,278,067	8,049,582	5,686,067	6,100,559	6,184,084	27,504,048
	INDUSTRY 2011.--MEAT SLAUGHTERING PLANTS							
Companies.....number..	2,833	2,433	192	125	40	21	11	11
Establishments.....do....	2,992	2,435	197	135	49	36	18	122
All employees:								
Total.....do....	180,873	23,096	12,935	17,767	13,102	13,552	10,599	89,822
Payroll.....\$1,000..	1,146,947	110,296	72,986	103,351	80,114	83,716	71,670	624,814
Production workers:								
Total.....number..	138,356	17,571	9,685	13,662	9,939	10,716	7,796	68,987
Man-hours.....1,000..	289,294	36,458	20,505	30,298	21,849	24,301	16,394	139,489
Wages.....\$1,000..	847,025	78,218	49,720	73,511	56,561	61,399	49,509	478,107
Value added, adjusted.....do....	1,908,309	268,542	144,444	192,996	130,573	146,216	118,635	906,903
Value of shipments.....do....	12,435,454	1,607,518	1,162,015	1,510,175	918,629	1,057,269	605,606	5,574,242
	INDUSTRY 2013.--MEAT PROCESSING PLANTS							
Companies.....number..	1,273	1,070	76	77	20	7	7	16
Establishments.....do....	1,341	1,072	77	86	23	17	12	54
All employees:								
Total.....do....	48,599	12,175	5,175	11,036	5,139	3,135	2,342	9,597
Payroll.....\$1,000..	289,405	62,736	29,509	70,455	31,890	18,867	14,231	61,717
Production workers:								
Total.....number..	36,351	8,930	3,807	8,175	3,888	2,534	1,880	7,137
Man-hours.....1,000..	75,964	18,004	7,772	17,616	8,294	5,487	4,154	14,637
Wages.....\$1,000..	195,232	41,760	18,736	46,084	21,558	13,649	10,920	42,525
Value added, adjusted.....do....	563,362	130,158	57,635	127,917	61,342	31,389	29,326	125,595
Value of shipments.....do....	2,130,275	456,881	192,732	501,489	242,580	141,766	105,227	489,600
	INDUSTRY 2015.--POULTRY DRESSING PLANTS							
Companies.....number..	842	523	102	135	48	9	10	15
Establishments.....do....	967	523	106	136	67	21	17	97
All employees:								
Total.....do....	70,104	6,362	7,306	19,344	14,310	4,845	3,241	14,696
Payroll.....\$1,000..	204,400	17,383	20,308	56,109	43,460	14,066	8,208	44,866
Production workers:								
Total.....number..	63,817	5,486	6,579	17,447	13,194	4,548	3,050	13,513
Man-hours.....1,000..	120,167	9,879	13,150	31,470	25,992	8,355	5,406	25,915
Wages.....\$1,000..	169,920	13,610	16,473	45,690	36,570	12,042	7,317	38,218
Value added, adjusted.....do....	410,909	42,175	40,627	117,709	89,195	25,354	13,361	82,488
Value of shipments.....do....	2,240,871	190,180	216,751	636,589	503,986	137,735	82,986	472,644

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2021.--CREAMERY BUTTER								
Companies.....number..	725	659	29	15	5	3	2	12
Establishments.....do....	766	663	30	21	5	4	3	40
All employees:								
Total.....do....	11,992	6,424	1,665	1,665	695	(D)	(D)	1,543
Payroll.....\$1,000..	52,870	26,937	7,321	7,694	<u>3,540</u>	(D)	(D)	7,378
Production workers:								
Total.....number..	8,607	4,686	1,231	1,192	558	(D)	(D)	940
Man-hours.....1,000..	19,471	11,137	2,777	2,446	<u>1,178</u>	(D)	(D)	1,933
Wages.....\$1,000..	36,959	19,656	5,362	5,125	<u>2,836</u>	(D)	(D)	3,980
Value added, adjusted.....do....	132,665	70,086	18,670	18,194	<u>10,942</u>	(D)	(D)	14,773
Value of shipments.....do....	988,777	533,377	139,219	121,084	<u>69,965</u>	(D)	(D)	125,132
INDUSTRY 2022.--NATURAL AND PROCESS CHEESE								
Companies.....number..	982	920	24	18	6	2	3	9
Establishments.....do....	1,138	936	25	47	9	8	4	109
All employees:								
Total.....do....	17,956	6,894	1,451	1,829	1,626	(D)	163	5,993
Payroll.....\$1,000..	78,684	26,401	6,092	7,523	<u>7,453</u>	(D)	601	30,614
Production workers:								
Total.....number..	14,893	5,635	1,114	1,525	1,318	(D)	148	5,153
Man-hours.....1,000..	31,082	11,779	2,399	3,490	<u>2,559</u>	(D)	284	10,571
Wages.....\$1,000..	61,836	20,883	4,171	5,943	<u>5,336</u>	(D)	514	24,989
Value added, adjusted.....do....	179,750	60,967	13,207	20,915	<u>17,384</u>	(D)	1,222	66,055
Value of shipments.....do....	1,170,836	373,507	66,919	94,537	<u>92,236</u>	(D)	10,882	532,755
INDUSTRY 2023.--CONDENSED AND EVAPORATED MILK								
Companies.....number..	167	100	16	17	6	6	7	15
Establishments.....do....	281	101	19	23	6	10	19	103
All employees:								
Total.....do....	12,255	1,316	971	1,665	477	1,244	627	5,955
Payroll.....\$1,000..	66,990	6,737	5,321	9,207	2,380	6,522	3,609	33,214
Production workers:								
Total.....number..	9,533	965	633	1,185	372	1,035	549	4,794
Man-hours.....1,000..	20,068	2,151	1,385	2,576	739	2,106	1,254	9,857
Wages.....\$1,000..	50,413	4,557	3,213	6,552	1,797	5,168	3,045	26,081
Value added, adjusted.....do....	236,250	15,569	12,681	17,387	9,052	27,858	10,809	142,894
Value of shipments.....do....	937,925	87,466	65,766	133,937	39,533	87,501	51,315	472,407
INDUSTRY 2024.--ICE CREAM AND FROZEN DESSERTS								
Companies.....number..	901	775	43	41	15	8	9	10
Establishments.....do....	1,081	776	44	47	29	12	26	147
All employees:								
Total.....do....	29,575	7,984	2,279	3,657	1,028	782	1,822	12,023
Payroll.....\$1,000..	162,799	34,513	11,313	18,230	6,558	4,937	13,190	74,058
Production workers:								
Total.....number..	15,585	4,463	1,085	1,681	551	407	1,087	6,311
Man-hours.....1,000..	32,495	9,121	2,250	3,600	1,146	861	2,212	13,305
Wages.....\$1,000..	76,557	17,462	5,269	7,916	3,128	2,337	5,703	34,742
Value added, adjusted.....do....	433,006	77,259	24,974	41,072	18,066	12,829	41,686	217,120
Value of shipments.....do....	1,076,479	194,469	60,069	111,289	58,780	28,229	88,965	534,678
INDUSTRY 2026.--FLUID MILK								
Companies.....number..	4,030	3,343	356	218	68	21	7	17
Establishments.....do....	4,619	3,365	370	254	110	65	75	380
All employees:								
Total.....do....	185,050	42,180	24,185	31,465	19,252	10,438	7,185	50,345
Payroll.....\$1,000..	1,032,879	195,655	132,706	180,146	112,434	62,185	48,213	301,540
Production workers:								
Total.....number..	68,577	18,782	9,071	10,557	6,658	3,387	3,267	16,855
Man-hours.....1,000..	147,142	39,406	19,063	23,121	14,371	7,154	6,946	37,081
Wages.....\$1,000..	358,770	82,308	45,800	56,023	37,045	19,413	20,608	97,573
Value added, adjusted.....do....	2,203,196	394,467	255,435	350,303	247,520	111,682	107,943	735,846
Value of shipments.....do....	7,025,892	1,328,887	821,911	1,067,935	735,916	354,794	396,001	2,320,448

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2031.--CANNED AND CURED SEAFOODS								
Companies.....number..	345	270	35	20	5	5	3	7
Establishments.....do....	405	272	42	35	6	14	12	24
All employees:								
Total.....do....	17,271	3,826	2,341	2,608	612	3,006	(D)	4,878
Payroll.....\$1,000..	66,231	13,061	8,032	9,287	2,612	11,952	(D)	21,287
Production workers:								
Total.....number..	15,453	3,277	2,157	2,355	582	2,714	(D)	4,368
Man-hours.....1,000..	25,522	5,547	3,519	3,691	868	4,657	(D)	7,240
Wages.....\$1,000..	52,609	9,815	6,680	7,686	2,310	9,291	(D)	16,827
Value added, adjusted.....do....	174,634	28,943	18,120	24,738	7,860	28,052	(D)	66,921
Value of shipments ⁵do....	452,454	84,303	44,250	57,203	20,210	72,329	(D)	174,159
INDUSTRY 2032.--CANNED SPECIALTIES								
Companies.....number..	154	114	5	10	6	3	5	11
Establishments.....do....	173	114	5	11	6	3	6	28
All employees:								
Total.....do....	25,156	1,106	339	970	1,554	637	2,035	18,515
Payroll.....\$1,000..	127,168	4,225	1,546	4,197	6,678	2,650	9,280	98,592
Production workers:								
Total.....number..	20,378	891	251	718	1,256	486	1,355	15,421
Man-hours.....1,000..	40,691	1,760	512	1,437	2,640	1,048	2,932	30,362
Wages.....\$1,000..	92,340	2,918	846	2,301	4,299	1,899	4,510	75,567
Value added, adjusted.....do....	540,835	10,212	3,330	13,161	17,687	7,969	42,986	445,490
Value of shipments ⁵do....	1,169,299	26,300	6,980	37,367	48,439	21,376	79,876	948,961
INDUSTRY 2033.--CANNED FRUITS AND VEGETABLES								
Companies.....number..	1,135	792	142	107	36	21	10	27
Establishments.....do....	1,430	797	158	151	62	52	32	178
All employees:								
Total.....do....	102,388	11,754	9,459	14,672	9,169	10,393	5,516	41,425
Payroll.....\$1,000..	382,057	36,658	30,594	49,732	36,523	41,180	19,607	167,763
Production workers:								
Total.....number..	90,749	9,728	8,237	12,715	8,124	9,144	5,059	37,742
Man-hours.....1,000..	168,188	18,111	15,243	21,641	17,070	17,723	8,645	69,755
Wages.....\$1,000..	303,485	26,019	23,119	35,745	29,188	31,812	16,535	141,067
Value added, adjusted.....do....	1,029,467	91,746	64,826	114,347	99,371	139,190	38,570	481,417
Value of shipments ⁵do....	2,742,787	250,207	181,245	333,627	266,440	347,561	112,089	1,251,618
INDUSTRY 2034.--DEHYDRATED FOODS PRODUCTS								
Companies.....number..	126	90	5	11	2	7	4	7
Establishments.....do....	176	91	21	20	2	23	4	15
All employees:								
Total.....do....	9,152	1,211	259	2,212	(D)	2,593	749	2,128
Payroll.....\$1,000..	41,650	4,130	1,090	10,243	(D)	12,336	3,836	10,015
Production workers:								
Total.....number..	7,843	1,029	231	1,891	(D)	2,185	655	1,852
Man-hours.....1,000..	15,333	1,986	390	3,860	(D)	4,115	1,276	3,706
Wages.....\$1,000..	31,243	3,199	958	6,963	(D)	9,066	3,051	8,006
Value added, adjusted.....do....	115,795	13,202	986	20,990	(D)	30,573	21,410	28,634
Value of shipments.....do....	318,660	40,873	5,323	62,031	(D)	108,398	37,115	64,920
INDUSTRY 2035.--PICKLES, SAUCES, SALAD DRESSINGS								
Companies.....number..	541	458	20	26	12	5	6	14
Establishments.....do....	588	459	22	33	16	7	10	41
All employees:								
Total.....do....	19,041	4,528	1,349	3,334	1,879	1,312	1,463	5,176
Payroll.....\$1,000..	83,713	18,175	5,340	13,368	8,511	4,923	7,436	25,360
Production workers:								
Total.....number..	15,426	3,473	1,087	2,615	1,326	1,082	1,250	4,593
Man-hours.....1,000..	29,891	6,512	2,178	4,723	2,662	2,066	2,481	9,269
Wages.....\$1,000..	58,295	11,706	3,471	8,435	4,533	3,148	5,629	21,373
Value added, adjusted.....do....	249,397	40,475	14,726	31,347	24,484	15,025	42,721	80,619
Value of shipments ⁵do....	677,268	108,064	33,461	73,827	53,397	38,576	84,900	285,043

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² —						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2036.--FRESH OR FROZEN PACKAGED FISH								
Companies.....number..	528	426	57	24	11	4	2	4
Establishments.....do....	547	426	60	28	17	6	6	4
All employees:								
Total.....do....	20,066	6,410	3,740	3,189	3,044	3,263	(D)	420
Payroll.....\$1,000..	56,471	16,972	7,844	9,617	10,214	9,876	(D)	1,948
Production workers:								
Total.....number..	17,936	5,657	3,422	2,863	2,752	2,871	(D)	371
Man-hours.....1,000..	32,147	9,891	5,523	4,598	5,484	6,007	(D)	644
Wages.....\$1,000..	44,619	13,719	6,366	7,894	8,012	7,083	(D)	1,545
Value added, adjusted.....do....	118,451	36,478	13,537	22,385	19,732	21,983	(D)	4,336
Value of shipments ⁵do....	391,174	108,312	43,341	65,498	73,276	89,585	(D)	11,162
INDUSTRY 2037.--FROZEN FRUITS AND VEGETABLES								
Companies.....number..	566	371	61	60	28	14	10	22
Establishments.....do....	650	372	61	65	37	17	18	80
All employees:								
Total.....do....	51,750	4,574	3,963	8,127	7,346	3,543	7,283	16,914
Payroll.....\$1,000..	202,398	18,275	16,567	30,314	27,737	13,082	27,027	69,396
Production workers:								
Total.....number..	44,689	3,757	3,342	6,950	6,314	3,120	6,332	14,874
Man-hours.....1,000..	86,664	7,621	6,232	13,318	12,345	5,825	12,391	28,932
Wages.....\$1,000..	154,406	13,005	11,790	21,641	21,266	10,278	21,428	54,998
Value added, adjusted.....do....	550,231	44,526	39,689	68,988	63,434	48,654	68,820	216,120
Value of shipments ⁵do....	1,548,663	123,040	119,126	231,599	166,079	120,280	207,246	581,293
INDUSTRY 2041.--FLOUR MILLS								
Companies.....number..	510	425	30	24	8	6	5	12
Establishments.....do....	618	427	32	29	21	20	23	66
All employees:								
Total.....do....	22,405	3,146	2,025	3,095	2,164	3,994	(D)	7,981
Payroll.....\$1,000..	137,663	14,114	11,378	17,991	13,424	26,700	(D)	54,056
Production workers:								
Total.....number..	16,435	2,158	1,423	2,082	1,570	3,034	(D)	6,168
Man-hours.....1,000..	38,422	6,248	3,262	4,532	3,694	7,368	(D)	13,318
Wages.....\$1,000..	94,942	8,751	7,355	10,836	8,980	19,746	(D)	39,274
Value added, adjusted.....do....	373,090	33,903	29,104	47,243	26,951	77,143	(D)	158,746
Value of shipments.....do....	2,176,529	158,391	172,134	263,676	203,827	498,456	(D)	880,045
INDUSTRY 2042.--PREPARED ANIMAL FEEDS								
Companies.....number..	2,150	1,914	87	57	30	19	16	27
Establishments.....do....	2,590	1,953	107	102	117	50	83	178
All employees:								
Total.....do....	54,649	19,540	5,582	6,316	5,667	3,452	4,396	9,696
Payroll.....\$1,000..	278,729	88,106	28,761	32,400	26,177	20,341	25,171	57,773
Production workers:								
Total.....number..	34,564	12,727	3,303	3,600	3,239	2,302	2,851	6,542
Man-hours.....1,000..	75,669	28,712	7,188	7,770	7,003	4,869	6,344	13,783
Wages.....\$1,000..	159,079	50,432	14,302	15,923	13,968	11,669	15,587	37,198
Value added, adjusted.....do....	983,691	248,400	78,766	102,565	80,031	98,901	81,785	293,243
Value of shipments.....do....	3,880,122	1,013,472	335,557	379,697	357,500	358,167	424,594	1,011,135
INDUSTRY 2043.--CEREAL PREPARATIONS								
Companies.....number..	35	20	2	—	1	4	1	7
Establishments.....do....	48	20	4	—	1	4	1	18
All employees:								
Total.....do....	11,358	592	(D)	—	(D)	542	(D)	10,224
Payroll.....\$1,000..	75,098	3,391	(D)	—	(D)	3,260	(D)	68,447
Production workers:								
Total.....number..	9,416	410	(D)	—	(D)	276	(D)	8,730
Man-hours.....1,000..	18,829	840	(D)	—	(D)	587	(D)	17,402
Wages.....\$1,000..	59,575	1,806	(D)	—	(D)	1,151	(D)	56,618
Value added, adjusted.....do....	365,022	10,110	(D)	—	(D)	6,170	(D)	348,742
Value of shipments.....do....	625,058	23,000	(D)	—	(D)	10,634	(D)	591,424

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2044.--RICE MILLING								
Companies.....number..	62	41	11	3	4	2	1	-
Establishments.....do....	74	41	12	3	11	6	1	-
All employees:								
Total.....do.....	4,256	786	743	323	2,404	(D)	(D)	-
Payroll.....\$1,000..	20,255	2,985	3,132	1,575	12,563	(D)	(D)	-
Production workers:								
Total.....number..	3,243	660	550	259	1,774	(D)	(D)	-
Man-hours.....1,000..	7,315	1,442	1,187	536	4,150	(D)	(D)	-
Wages.....\$1,000..	12,704	2,127	1,942	1,009	7,626	(D)	(D)	-
Value added, adjusted.....do....	80,507	10,174	9,052	13,326	47,955	(D)	(D)	-
Value of shipments.....do....	423,022	61,799	55,712	48,536	256,975	(D)	(D)	-
INDUSTRY 2045.--BLENDED AND PREPARED FLOUR								
Companies.....number..	140	118	4	3	2	3	1	9
Establishments.....do....	165	118	5	3	3	6	3	27
All employees:								
Total.....do.....	7,199	949	294	1,601	(D)	(D)	(D)	4,355
Payroll.....\$1,000..	45,391	5,205	2,114	10,954	(D)	(D)	(D)	27,118
Production workers:								
Total.....number..	5,135	509	168	975	(D)	(D)	(D)	3,483
Man-hours.....1,000..	10,703	1,019	373	2,089	(D)	(D)	(D)	7,222
Wages.....\$1,000..	27,394	2,266	825	4,553	(D)	(D)	(D)	19,750
Value added, adjusted.....do....	177,826	11,645	6,971	25,292	(D)	(D)	(D)	133,918
Value of shipments.....do....	434,023	32,461	16,390	91,309	(D)	(D)	(D)	293,863
INDUSTRY 2046.--WET CORN MILLING								
Companies.....number..	49	35	-	1	3	3	3	4
Establishments.....do....	60	37	-	4	3	5	4	7
All employees:								
Total.....do.....	13,236	1,909	-	(D)	(D)	(D)	2,531	8,796
Payroll.....\$1,000..	89,742	12,064	-	(D)	(D)	(D)	18,876	58,802
Production workers:								
Total.....number..	9,812	1,370	-	(D)	(D)	(D)	1,775	6,667
Man-hours.....1,000..	20,902	3,058	-	(D)	(D)	(D)	3,968	13,876
Wages.....\$1,000..	65,300	7,860	-	(D)	(D)	(D)	12,644	44,796
Value added, adjusted.....do....	290,918	31,231	-	(D)	(D)	(D)	51,023	208,664
Value of shipments.....do....	622,442	75,532	-	(D)	(D)	(D)	113,411	433,499
INDUSTRY 2051.--BREAD AND RELATED PRODUCTS								
Companies.....number..	4,339	3,710	287	206	74	32	16	14
Establishments.....do....	5,010	3,726	297	242	133	124	91	397
All employees:								
Total.....do.....	236,984	38,703	19,824	31,452	23,480	18,559	17,535	87,431
Payroll.....\$1,000..	1,300,329	149,173	98,125	177,150	132,162	107,344	98,911	537,464
Production workers:								
Total.....number..	129,909	25,314	11,522	16,845	11,964	9,740	10,154	44,370
Man-hours.....1,000..	267,615	52,663	24,194	35,310	24,611	20,754	21,408	88,675
Wages.....\$1,000..	645,680	95,235	50,378	83,427	61,415	51,084	53,080	251,061
Value added, adjusted.....do....	2,403,782	252,347	171,630	343,448	252,612	226,330	183,680	973,735
Value of shipments.....do....	4,505,995	493,000	313,878	628,756	460,163	414,777	348,857	1,846,564
INDUSTRY 2052.--BISCUIT, CRACKERS, AND COOKIES								
Companies.....number..	286	198	25	24	7	14	5	13
Establishments.....do....	356	200	26	33	11	18	10	58
All employees:								
Total.....do.....	43,160	2,859	1,729	3,580	2,163	5,938	4,055	22,836
Payroll.....\$1,000..	213,021	11,846	8,327	14,026	9,819	28,664	20,314	120,025
Production workers:								
Total.....number..	34,105	2,192	1,328	2,854	1,632	4,457	2,725	18,917
Man-hours.....1,000..	67,978	4,310	2,682	5,578	3,000	7,983	5,477	38,948
Wages.....\$1,000..	150,941	7,561	5,059	9,000	6,131	17,241	11,049	94,900
Value added, adjusted.....do....	627,040	26,035	17,458	28,435	18,247	61,017	41,498	434,350
Value of shipments.....do....	1,150,149	53,132	38,564	62,023	45,270	134,027	78,807	738,326

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2061.--RAW CANE SUGAR								
Companies.....number..	50	16	15	9	3	3	1	3
Establishments.....do....	74	16	16	9	6	8	9	10
All employees:								
Total.....do....	8,263	587	992	1,139	3,542	(D)	(D)	2,003
Payroll.....\$1,000..	38,796	2,549	4,524	4,702	16,914	(D)	(D)	10,107
Production workers:								
Total.....number..	6,308	524	889	853	2,741	(D)	(D)	1,301
Man-hours.....1,000..	14,634	1,332	2,417	2,006	6,103	(D)	(D)	2,776
Wages.....\$1,000..	27,929	1,975	3,936	3,415	12,393	(D)	(D)	6,210
Value added, adjusted.....do....	135,686	9,988	19,647	17,936	60,721	(D)	(D)	27,394
Value of shipments.....do....	378,710	27,116	53,923	49,725	172,750	(D)	(D)	75,196
INDUSTRY 2062.--CANE SUGAR REFINING								
Companies.....number..	16	1	-	-	3	7	2	3
Establishments.....do....	25	1	-	-	3	9	4	8
All employees:								
Total.....do....	12,443	762	-	-	(D)	11,681	(D)	(D)
Payroll.....\$1,000..	90,792	4,675	-	-	(D)	86,117	(D)	(D)
Production workers:								
Total.....number..	9,499	687	-	-	(D)	8,812	(D)	(D)
Man-hours.....1,000..	20,683	1,544	-	-	(D)	19,139	(D)	(D)
Wages.....\$1,000..	66,948	3,987	-	-	(D)	62,961	(D)	(D)
Value added, adjusted.....do....	254,418	16,445	-	-	(D)	237,973	(D)	(D)
Value of shipments.....do....	1,271,229	63,690	-	-	(D)	1,207,539	(D)	(D)
INDUSTRY 2063.--BEET SUGAR								
Companies.....number..	11	-	1	2	1	-	4	3
Establishments.....do....	65	-	1	2	4	-	35	23
All employees:								
Total.....do....	11,297	-	916	(D)	(D)	-	10,381	(D)
Payroll.....\$1,000..	59,641	-	5,175	(D)	(D)	-	54,466	(D)
Production workers:								
Total.....number..	10,088	-	773	(D)	(D)	-	9,315	(D)
Man-hours.....1,000..	21,367	-	2,031	(D)	(D)	-	19,336	(D)
Wages.....\$1,000..	50,879	-	4,303	(D)	(D)	-	46,576	(D)
Value added, adjusted.....do....	200,698	-	11,403	(D)	(D)	-	189,295	(D)
Value of shipments.....do....	564,073	-	33,114	(D)	(D)	-	530,959	(D)
INDUSTRY 2071.--CONFECTIONERY PRODUCTS								
Companies.....number..	1,142	926	82	63	24	14	13	20
Establishments.....do....	1,211	930	86	69	43	19	26	38
All employees:								
Total.....do....	63,643	9,213	5,727	9,030	7,140	6,861	14,439	11,233
Payroll.....\$1,000..	269,680	31,235	22,475	37,541	30,846	28,933	68,949	49,701
Production workers:								
Total.....number..	52,724	7,425	4,639	7,141	5,967	5,808	12,093	9,651
Man-hours.....1,000..	102,402	14,305	8,987	13,972	11,904	11,178	23,270	18,786
Wages.....\$1,000..	193,028	22,514	15,366	24,491	21,665	20,657	49,247	39,088
Value added, adjusted.....do....	635,393	69,218	54,536	82,428	60,061	72,966	162,265	133,919
Value of shipments.....do....	1,454,512	171,429	123,295	188,627	134,661	175,084	347,998	313,418
INDUSTRY 2072.--CHOCOLATE AND COCOA PRODUCTS								
Companies.....number..	24	4	6	3	4	1	1	5
Establishments.....do....	28	4	6	4	4	2	1	7
All employees:								
Total.....do....	8,743	55	412	485	1,351	(D)	(D)	6,440
Payroll.....\$1,000..	49,305	207	2,210	3,598	7,723	(D)	(D)	35,567
Production workers:								
Total.....number..	6,952	36	298	357	977	(D)	(D)	5,284
Man-hours.....1,000..	13,964	74	695	796	1,966	(D)	(D)	10,433
Wages.....\$1,000..	35,936	157	1,480	2,099	4,527	(D)	(D)	27,673
Value added, adjusted.....do....	184,796	750	4,842	11,272	19,069	(D)	(D)	148,863
Value of shipments.....do....	479,085	1,985	22,425	51,965	56,035	(D)	(D)	346,675

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2073.--CHEWING GUM								
Companies.....number..	20	10	1	3	1	1	1	3
Establishments.....do....	24	10	1	3	1	1	4	4
All employees:								
Total.....do.....	5,558	259	(D)	5,299	(D)	(D)	(D)	(D)
Payroll.....\$1,000..	30,997	1,296	(D)	29,701	(D)	(D)	(D)	(D)
Production workers:								
Total.....number..	3,892	194	(D)	3,698	(D)	(D)	(D)	(D)
Man-hours.....1,000..	7,422	375	(D)	7,047	(D)	(D)	(D)	(D)
Wages.....\$1,000..	17,779	740	(D)	17,039	(D)	(D)	(D)	(D)
Value added, adjusted.....do....	135,848	2,302	(D)	133,546	(D)	(D)	(D)	(D)
Value of shipments.....do....	224,844	6,496	(D)	218,348	(D)	(D)	(D)	(D)
INDUSTRY 2082.--MALT LIQUORS								
Companies.....number..	171	70	27	32	9	14	10	9
Establishments.....do....	222	70	27	33	10	21	29	32
All employees:								
Total.....do.....	62,643	1,329	1,799	5,059	2,954	9,207	15,479	26,816
Payroll.....\$1,000..	470,823	6,801	10,115	33,069	19,081	65,989	120,847	214,921
Production workers:								
Total.....number..	42,679	908	1,171	3,093	1,843	6,475	10,315	18,874
Man-hours.....1,000..	81,901	1,805	2,350	6,269	3,659	13,156	19,494	35,168
Wages.....\$1,000..	302,270	4,269	6,087	19,445	11,019	43,555	74,279	143,616
Value added, adjusted.....do....	1,286,036	16,343	23,545	78,875	51,928	179,074	346,575	589,696
Value of shipments.....do....	2,315,068	25,953	41,933	139,614	88,669	321,559	618,631	1,078,709
INDUSTRY 2083.--MALT								
Companies.....number..	29	10	6	3	-	2	1	7
Establishments.....do....	42	10	7	6	-	2	1	16
All employees:								
Total.....do.....	1,925	221	376	427	-	(D)	(D)	901
Payroll.....\$1,000..	15,084	1,681	2,813	3,524	-	(D)	(D)	7,066
Production workers:								
Total.....number..	1,456	160	281	312	-	(D)	(D)	703
Man-hours.....1,000..	2,983	318	559	621	-	(D)	(D)	1,485
Wages.....\$1,000..	10,839	998	1,988	2,365	-	(D)	(D)	5,488
Value added, adjusted.....do....	43,979	4,195	11,250	11,728	-	(D)	(D)	16,806
Value of shipments.....do....	183,515	19,365	41,177	45,964	-	(D)	(D)	77,009
INDUSTRY 2084.--WINES AND BRANDY								
Companies.....number..	194	174	9	3	3	3	-	2
Establishments.....do....	222	181	9	3	10	13	-	6
All employees:								
Total.....do.....	6,111	2,008	623	504	2,976	(D)	-	(D)
Payroll.....\$1,000..	35,051	10,753	3,594	3,105	17,599	(D)	-	(D)
Production workers:								
Total.....number..	4,176	1,379	325	350	2,122	(D)	-	(D)
Man-hours.....1,000..	8,403	2,792	716	709	4,186	(D)	-	(D)
Wages.....\$1,000..	20,523	6,303	1,681	1,599	10,940	(D)	-	(D)
Value added, adjusted.....do....	137,281	35,835	8,799	11,329	81,318	(D)	-	(D)
Value of shipments.....do....	368,281	95,390	23,837	22,018	227,036	(D)	-	(D)
INDUSTRY 2085.--DISTILLED LIQUOR, EXCEPT BRANDY								
Companies.....number..	70	40	8	6	2	6	3	5
Establishments.....do....	107	40	8	7	2	12	6	32
All employees:								
Total.....do.....	18,009	1,005	587	1,654	(D)	3,008	2,803	8,952
Payroll.....\$1,000..	110,217	5,576	3,874	11,311	(D)	18,198	17,895	53,363
Production workers:								
Total.....number..	14,343	734	390	1,269	(D)	2,420	2,211	7,319
Man-hours.....1,000..	28,138	1,418	791	2,455	(D)	4,673	4,373	14,428
Wages.....\$1,000..	80,244	2,868	1,971	6,756	(D)	12,984	13,330	42,335
Value added, adjusted.....do....	623,736	17,606	13,683	33,929	(D)	97,356	123,058	338,104
Value of shipments ⁵do....	1,090,462	52,692	36,383	71,083	(D)	178,007	228,600	523,697

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company

Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2086.--BOTTLED AND CANNED SOFT DRINKS								
Companies.....number..	3,569	3,161	237	117	30	10	6	8
Establishments.....do....	3,905	3,182	268	188	93	29	63	82
All employees:								
Total.....do.....	106,850	45,875	15,812	16,097	9,584	5,065	4,251	10,166
Payroll.....\$1,000..	537,743	198,695	78,008	84,559	54,288	30,073	25,097	67,023
Production workers:								
Total.....number..	40,911	19,599	6,130	5,605	3,148	1,563	1,158	3,708
Man-hours.....1,000..	86,857	41,393	13,023	12,198	6,852	3,266	2,416	7,709
Wages.....\$1,000..	164,715	69,939	23,476	22,945	13,959	7,477	5,644	21,275
Value added, adjusted.....do....	1,233,629	456,382	174,197	210,251	120,661	69,455	59,372	143,311
Value of shipments.....do....	2,210,920	817,048	321,205	372,773	209,302	113,245	106,565	270,782
INDUSTRY 2087.--FLAVORINGS								
Companies.....number..	492	439	13	15	5	7	1	12
Establishments.....do....	520	445	14	17	8	9	1	26
All employees:								
Total.....do.....	9,083	3,167	667	1,445	1,703	(D)	(D)	2,101
Payroll.....\$1,000..	56,576	19,098	4,031	9,933	9,633	(D)	(D)	13,881
Production workers:								
Total.....number..	4,986	1,689	386	714	820	(D)	(D)	1,377
Man-hours.....1,000..	10,235	3,407	718	1,390	1,707	(D)	(D)	3,013
Wages.....\$1,000..	25,121	7,536	1,603	3,883	3,732	(D)	(D)	8,367
Value added, adjusted.....do....	400,173	51,765	10,378	25,655	53,946	(D)	(D)	258,429
Value of shipments.....do....	729,704	114,569	22,462	51,272	83,925	(D)	(D)	457,476
INDUSTRY 2091.--COTTONSEED OIL MILLS								
Companies.....number..	115	72	21	13	3	-	2	4
Establishments.....do....	188	72	22	23	11	-	18	42
All employees:								
Total.....do.....	8,372	1,583	1,324	1,522	1,897	-	(D)	2,046
Payroll.....\$1,000..	38,173	6,671	5,819	7,322	9,471	-	(D)	8,890
Production workers:								
Total.....number..	6,569	1,266	1,092	1,250	1,432	-	(D)	1,529
Man-hours.....1,000..	16,556	3,418	2,690	3,085	3,565	-	(D)	3,798
Wages.....\$1,000..	26,014	4,861	4,149	5,072	6,332	-	(D)	5,600
Value added, adjusted.....do....	100,815	16,402	14,949	20,210	30,999	-	(D)	18,255
Value of shipments.....do....	555,188	80,942	74,615	102,234	158,534	-	(D)	138,863
INDUSTRY 2092.--SOYBEAN OIL MILLS								
Companies.....number..	68	37	9	2	2	4	4	10
Establishments.....do....	102	38	9	2	2	4	13	34
All employees:								
Total.....do.....	6,478	515	1,044	(D)	(D)	1,262	(D)	3,657
Payroll.....\$1,000..	39,893	3,121	5,801	(D)	(D)	8,533	(D)	22,438
Production workers:								
Total.....number..	4,568	374	694	(D)	(D)	940	(D)	2,560
Man-hours.....1,000..	10,057	845	1,625	(D)	(D)	2,195	(D)	5,392
Wages.....\$1,000..	25,715	1,878	3,490	(D)	(D)	5,588	(D)	14,759
Value added, adjusted.....do....	152,143	9,522	25,587	(D)	(D)	43,872	(D)	73,162
Value of shipments.....do....	1,473,385	102,521	206,323	(D)	(D)	381,113	(D)	783,428
INDUSTRY 2093.--VEGETABLE OIL MILLS, N.E.C.								
Companies.....number..	39	24	1	2	2	-	3	7
Establishments.....do....	47	24	1	2	6	-	5	9
All employees:								
Total.....do.....	1,952	287	(D)	418	(D)	-	629	618
Payroll.....\$1,000..	11,501	1,124	(D)	2,401	(D)	-	3,887	4,089
Production workers:								
Total.....number..	1,507	244	(D)	308	(D)	-	455	500
Man-hours.....1,000..	3,189	413	(D)	710	(D)	-	936	1,130
Wages.....\$1,000..	8,094	728	(D)	1,695	(D)	-	2,536	3,135
Value added, adjusted.....do....	42,692	3,399	(D)	3,656	(D)	-	20,813	14,824
Value of shipments.....do....	234,168	12,312	(D)	47,027	(D)	-	107,995	66,834

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2094.--ANIMAL AND MARINE FATS AND OILS								
Companies.....number..	516	444	34	17	7	4	1	9
Establishments.....do....	615	452	44	47	24	20	16	12
All employees:								
Total.....do....	14,276	5,710	2,070	2,264	1,095	2,873	(D)	264
Payroll.....\$1,000..	78,305	29,976	11,957	12,615	6,381	15,808	(D)	1,568
Production workers:								
Total.....number..	10,260	4,350	1,509	1,576	654	1,987	(D)	184
Man-hours.....1,000..	22,714	9,786	3,485	3,552	1,536	3,940	(D)	415
Wages.....\$1,000..	51,254	20,835	7,585	8,269	3,310	10,240	(D)	1,015
Value added, adjusted.....do....	193,326	73,412	25,313	33,329	16,098	41,999	(D)	3,175
Value of shipments.....do....	473,993	194,585	63,802	79,674	32,449	89,185	(D)	14,298
INDUSTRY 2095.--ROASTED COFFEE								
Companies.....number..	261	193	18	18	10	7	2	13
Establishments.....do....	324	193	18	22	25	20	2	44
All employees:								
Total.....do....	17,175	2,038	1,077	2,173	1,061	3,017	(D)	7,809
Payroll.....\$1,000..	111,429	11,386	7,451	13,937	6,381	18,243	(D)	54,031
Production workers:								
Total.....number..	10,112	1,023	479	1,140	571	1,681	(D)	5,218
Man-hours.....1,000..	20,499	1,928	869	2,332	1,155	3,402	(D)	10,813
Wages.....\$1,000..	55,596	4,067	1,569	5,385	2,719	8,842	(D)	33,014
Value added, adjusted.....do....	616,407	26,949	15,307	45,989	25,606	103,013	(D)	399,543
Value of shipments.....do....	1,868,058	89,836	54,102	142,106	88,020	365,251	(D)	1,128,743
INDUSTRY 2096.--SHORTENING AND COOKING OILS								
Companies.....number..	65	34	6	6	2	-	2	15
Establishments.....do....	115	35	6	6	3	-	6	59
All employees:								
Total.....do....	13,511	524	452	3,170	(D)	-	(D)	9,365
Payroll.....\$1,000..	88,606	2,827	2,594	19,762	(D)	-	(D)	63,423
Production workers:								
Total.....number..	8,880	367	276	1,749	(D)	-	(D)	6,488
Man-hours.....1,000..	19,001	804	592	3,919	(D)	-	(D)	13,686
Wages.....\$1,000..	54,767	1,794	1,303	9,480	(D)	-	(D)	42,190
Value added, adjusted.....do....	264,501	8,066	5,484	47,289	(D)	-	(D)	203,662
Value of shipments.....do....	1,324,357	38,939	30,318	252,276	(D)	-	(D)	1,002,824
INDUSTRY 2097.--MANUFACTURED ICE								
Companies.....number..	862	819	23	7	6	2	2	3
Establishments.....do....	1,199	872	60	34	87	44	98	4
All employees:								
Total.....do....	10,757	5,866	1,172	391	3,328	(D)	(D)	(D)
Payroll.....\$1,000..	42,872	21,595	4,547	1,334	15,396	(D)	(D)	(D)
Production workers:								
Total.....number..	6,714	3,693	680	155	2,186	(D)	(D)	(D)
Man-hours.....1,000..	14,056	7,751	1,379	417	4,509	(D)	(D)	(D)
Wages.....\$1,000..	25,905	13,322	2,936	561	9,086	(D)	(D)	(D)
Value added, adjusted.....do....	90,204	40,556	9,974	2,328	37,346	(D)	(D)	(D)
Value of shipments.....do....	122,550	59,166	13,745	3,865	45,774	(D)	(D)	(D)
INDUSTRY 2098.--MACARONI AND SPAGHETTI								
Companies.....number..	207	169	12	15	6	2	-	3
Establishments.....do....	221	169	12	15	12	9	-	4
All employees:								
Total.....do....	7,270	1,562	762	1,959	1,749	1,238	-	(D)
Payroll.....\$1,000..	35,495	5,772	3,789	10,598	10,089	5,247	-	(D)
Production workers:								
Total.....number..	5,095	1,178	537	1,292	1,205	883	-	(D)
Man-hours.....1,000..	10,368	2,225	1,091	2,726	2,548	1,778	-	(D)
Wages.....\$1,000..	21,176	3,997	2,160	5,420	5,956	3,643	-	(D)
Value added, adjusted.....do....	96,012	12,199	9,106	27,086	31,943	15,678	-	(D)
Value of shipments.....do....	222,947	31,085	21,833	61,765	68,964	39,300	-	(D)

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2099.--FOOD PREPARATIONS, N.E.C.								
Companies.....number..	1,977	1,778	70	47	26	18	8	30
Establishments.....do....	2,190	1,797	74	62	64	29	35	129
All employees:								
Total.....do.....	54,277	16,105	4,201	5,118	3,656	3,475	4,195	17,527
Payroll.....\$1,000..	271,283	64,741	21,141	25,467	21,782	19,501	20,049	98,602
Production workers:								
Total.....number..	35,585	11,206	2,564	3,322	2,146	2,320	2,931	11,096
Man-hours.....1,000..	71,032	21,127	4,985	6,920	4,409	4,709	5,822	23,060
Wages.....\$1,000..	145,320	36,366	9,342	12,915	9,465	10,597	12,587	54,048
Value added, adjusted.....do....	849,610	160,822	46,747	61,758	56,601	59,637	105,914	358,131
Value of shipments.....do....	1,797,284	381,372	104,683	133,691	121,885	113,661	217,386	724,606
MAJOR GROUP 21.--TOBACCO MANUFACTURES								
Companies.....number..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Establishments.....do....	394	178	30	28	13	14	27	104
All employees:								
Total.....do.....	77,330	1,502	1,716	4,033	3,333	2,331	6,559	57,856
Payroll.....\$1,000..	330,498	4,600	6,314	12,731	9,580	9,501	23,716	264,056
Production workers:								
Total.....number..	68,579	1,285	1,502	3,476	3,036	1,730	5,766	51,784
Man-hours.....1,000..	132,035	2,486	2,922	6,373	5,002	3,361	10,577	101,314
Wages.....\$1,000..	271,496	3,487	4,466	9,605	7,425	5,378	17,965	223,170
Value added, adjusted.....do....	1,680,594	10,190	14,870	27,843	21,030	27,787	75,894	1,502,980
Value of shipments ⁴do....	4,519,954	30,918	33,635	74,242	57,957	122,782	207,689	3,992,731
INDUSTRY 2111.--CIGARETTES								
Companies.....number..	7	-	-	-	-	-	1	6
Establishments.....do....	14	-	-	-	-	-	1	13
All employees:								
Total.....do.....	35,568	-	-	-	-	-	35,568	(D)
Payroll.....\$1,000..	183,046	-	-	-	-	-	183,046	(D)
Production workers:								
Total.....number..	31,966	-	-	-	-	-	31,966	(D)
Man-hours.....1,000..	62,986	-	-	-	-	-	62,986	(D)
Wages.....\$1,000..	158,847	-	-	-	-	-	158,847	(D)
Value added, adjusted.....do....	1,310,325	-	-	-	-	-	1,310,325	(D)
Value of shipments ⁵do....	2,655,346	-	-	-	-	-	2,655,346	(D)
INDUSTRY 2121.--CIGARS								
Companies.....number..	164	126	11	16	4	-	3	4
Establishments.....do....	193	126	12	18	4	-	10	23
All employees:								
Total.....do.....	20,731	901	789	2,418	1,374	-	4,207	11,042
Payroll.....\$1,000..	68,108	2,155	2,343	7,718	4,395	-	14,566	36,931
Production workers:								
Total.....number..	18,965	792	720	2,085	1,230	-	3,880	10,258
Man-hours.....1,000..	35,044	1,362	1,317	3,952	2,145	-	7,181	19,087
Wages.....\$1,000..	57,790	1,759	1,953	6,076	3,535	-	11,945	32,522
Value added, adjusted.....do....	192,998	3,857	4,500	17,069	11,236	-	35,214	121,122
Value of shipments ⁵do....	358,463	7,491	9,381	36,658	20,846	-	73,604	210,483
INDUSTRY 2131.--CHEWING AND SMOKING TOBACCO								
Companies.....number..	45	31	3	3	-	3	2	3
Establishments.....do....	51	31	3	3	-	6	3	5
All employees:								
Total.....do.....	4,058	310	199	488	-	3,061	(D)	(D)
Payroll.....\$1,000..	18,207	1,220	1,213	1,688	-	14,086	(D)	(D)
Production workers:								
Total.....number..	3,101	244	157	421	-	2,279	(D)	(D)
Man-hours.....1,000..	5,670	430	296	692	-	4,252	(D)	(D)
Wages.....\$1,000..	11,603	726	550	1,185	-	9,142	(D)	(D)
Value added, adjusted.....do....	73,975	2,306	5,683	4,011	-	61,975	(D)	(D)
Value of shipments ⁵do....	139,543	5,774	10,514	9,831	-	113,424	(D)	(D)

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2141.--TOBACCO STEMMING AND REDRYING								
Companies.....number..	59	20	11	7	6	2	5	8
Establishments.....do....	136	21	15	7	9	8	13	63
All employees:								
Total.....do....	16,973	291	728	1,127	4,384	(D)	(D)	10,443
Payroll.....\$1,000..	61,137	1,225	2,758	3,325	13,062	(D)	(D)	40,767
Production workers:								
Total.....number..	14,547	249	625	970	3,758	(D)	(D)	8,945
Man-hours.....1,000..	28,335	694	1,309	1,729	6,411	(D)	(D)	18,192
Wages.....\$1,000..	43,256	1,002	1,963	2,344	8,612	(D)	(D)	29,335
Value added, adjusted.....do....	103,296	4,027	4,687	6,763	25,578	(D)	(D)	62,241
Value of shipments ⁵do....	1,366,602	17,653	13,740	27,753	204,005	(D)	(D)	1,103,451
MAJOR GROUP 22.--TEXTILE MILL PRODUCTS								
Companies.....number..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Establishments.....do....	7,104	3,962	796	756	401	234	240	715
All employees:								
Total.....do....	863,246	61,344	54,476	103,889	96,193	80,924	81,846	384,574
Payroll.....\$1,000..	3,385,031	252,959	215,300	401,984	371,213	307,134	320,000	1,516,441
Production workers:								
Total.....number..	775,330	52,912	48,423	93,415	86,727	72,971	73,462	347,420
Man-hours.....1,000..	1,568,126	103,025	93,504	182,525	172,163	147,026	149,373	720,510
Wages.....\$1,000..	2,768,414	193,780	169,067	319,424	299,344	252,899	257,616	1,276,284
Value added, adjusted.....do....	6,122,982	478,343	368,344	682,376	662,342	530,499	604,128	2,796,950
Value of shipments ⁴do....	15,740,545	1,166,040	858,329	1,627,009	1,623,995	1,294,783	1,542,539	7,627,850
INDUSTRY 2211.--WEAVING MILLS, COTTON								
Companies.....number..	229	71	15	27	39	17	20	40
Establishments.....do....	407	72	15	29	42	22	32	195
All employees:								
Total.....do....	208,993	1,019	1,011	4,573	12,621	10,537	18,781	160,451
Payroll.....\$1,000..	771,573	4,140	3,800	16,488	42,198	37,805	67,953	599,189
Production workers:								
Total.....number..	195,530	895	896	4,266	11,956	9,856	17,641	150,020
Man-hours.....1,000..	403,379	1,763	1,781	8,197	23,671	20,281	36,521	311,165
Wages.....\$1,000..	688,374	3,281	2,974	14,135	37,692	33,020	60,394	536,878
Value added, adjusted.....do....	1,256,753	7,551	6,718	26,902	69,642	50,767	107,688	987,485
Value of shipments.....do....	3,104,053	14,570	14,295	62,844	163,424	132,403	270,668	2,445,849
INDUSTRY 2221.--WEAVING MILLS, SYNTHETICS								
Companies.....number..	277	101	54	42	30	16	9	25
Establishments.....do....	355	102	54	44	34	19	11	91
All employees:								
Total.....do....	88,157	2,004	3,766	6,547	8,835	8,819	5,040	53,146
Payroll.....\$1,000..	366,045	8,572	15,405	27,899	36,339	36,301	19,522	222,007
Production workers:								
Total.....number..	79,750	1,805	3,350	5,957	8,126	7,931	4,606	47,975
Man-hours.....1,000..	171,378	3,643	6,674	12,249	17,242	17,150	9,786	104,634
Wages.....\$1,000..	306,464	7,244	12,678	23,120	30,639	29,319	15,880	187,584
Value added, adjusted.....do....	661,535	15,233	22,443	47,710	59,454	70,811	38,280	407,604
Value of shipments.....do....	1,722,356	30,552	55,279	126,411	166,400	179,931	90,261	1,073,522
INDUSTRY 2231.--WEAVING, FINISHING MILLS, WOOL								
Companies.....number..	304	162	41	52	27	7	7	8
Establishments.....do....	361	162	42	54	35	14	18	36
All employees:								
Total.....do....	47,429	2,504	2,746	3,393	8,428	3,798	4,993	16,567
Payroll.....\$1,000..	202,892	11,313	11,888	34,780	36,650	14,936	24,528	68,797
Production workers:								
Total.....number..	41,627	2,171	2,366	7,498	7,405	3,459	4,118	14,610
Man-hours.....1,000..	85,034	4,242	4,640	14,806	15,178	7,201	8,125	30,842
Wages.....\$1,000..	160,188	9,161	9,243	27,793	28,094	12,515	17,694	55,688
Value added, adjusted.....do....	386,622	21,254	17,233	54,530	68,206	25,399	46,310	153,690
Value of shipments.....do....	1,010,692	33,978	34,397	117,886	155,298	57,708	92,936	518,489

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2241.--NARROW FABRIC MILLS								
Companies.....number..	350	231	52	40	12	4	3	8
Establishments.....do....	384	232	52	49	18	8	5	20
All employees:								
Total.....do....	23,154	3,547	3,621	5,637	2,713	1,933	2,212	3,491
Payroll.....\$1,000..	91,869	14,121	14,757	22,592	12,303	7,564	7,317	13,215
Production workers:								
Total.....number..	20,647	3,103	3,191	5,054	2,351	1,738	2,024	3,186
Man-hours.....1,000..	40,614	5,784	6,084	9,925	4,932	3,514	4,039	6,336
Wages.....\$1,000..	72,956	10,899	11,272	17,812	9,622	6,014	6,078	11,259
Value added, adjusted.....do....	172,493	24,844	26,294	41,464	25,269	14,287	14,616	25,719
Value of shipments.....do....	349,071	48,558	49,004	79,142	50,652	26,823	35,412	59,480
INDUSTRY 2251.--WOMEN'S HOSIERY, EXCEPT SOCKS								
Companies.....number..	363	222	58	38	17	11	8	9
Establishments.....do....	411	222	58	43	20	14	23	31
All employees:								
Total.....do....	51,527	3,590	4,257	5,330	5,016	6,476	8,372	18,486
Payroll.....\$1,000..	170,875	11,813	13,271	16,884	15,434	20,640	29,228	63,605
Production workers:								
Total.....number..	47,074	3,193	3,823	4,841	4,687	5,907	7,459	17,164
Man-hours.....1,000..	87,768	6,009	6,861	9,164	8,937	10,613	13,990	32,194
Wages.....\$1,000..	144,129	9,814	10,702	14,164	13,458	17,690	23,194	55,107
Value added, adjusted.....do....	296,346	19,985	20,642	27,000	23,181	35,189	43,938	126,411
Value of shipments ⁴do....	606,560	47,250	46,583	52,799	49,783	71,359	84,043	254,743
INDUSTRY 2252.--HOSIERY, N.E.C.								
Companies.....number..	504	303	80	76	30	8	3	4
Establishments.....do....	528	303	81	79	37	10	6	12
All employees:								
Total.....do....	43,340	5,303	5,546	11,868	9,494	4,912	2,429	3,788
Payroll.....\$1,000..	124,114	13,201	14,656	33,538	28,708	15,399	6,834	11,778
Production workers:								
Total.....number..	40,117	4,857	5,080	10,939	8,855	4,585	2,351	3,450
Man-hours.....1,000..	71,349	8,304	8,649	18,930	16,067	8,922	4,257	6,220
Wages.....\$1,000..	104,550	11,328	12,286	27,147	24,291	13,462	6,361	9,675
Value added, adjusted.....do....	192,165	22,717	22,240	48,879	43,449	20,305	11,932	22,643
Value of shipments.....do....	451,098	52,397	50,607	109,214	97,199	45,918	24,471	71,292
INDUSTRY 2253.--KNIT OUTERWEAR MILLS								
Companies.....number..	1,175	867	150	87	35	20	8	8
Establishments.....do....	1,185	868	151	89	37	22	8	10
All employees:								
Total.....do....	68,570	15,228	10,574	12,359	11,312	9,860	4,095	5,142
Payroll.....\$1,000..	266,650	61,532	42,599	49,722	41,510	34,679	16,672	19,936
Production workers:								
Total.....number..	60,684	13,297	9,639	10,923	10,076	8,886	3,508	4,355
Man-hours.....1,000..	113,602	24,925	17,927	20,141	18,609	17,027	6,298	8,675
Wages.....\$1,000..	205,833	47,716	35,018	37,704	32,927	28,301	10,257	13,910
Value added, adjusted.....do....	463,585	115,364	65,898	85,850	75,079	58,449	30,733	32,212
Value of shipments.....do....	1,045,470	287,262	135,684	190,295	140,881	124,383	70,169	96,796
INDUSTRY 2254.--KNIT UNDERWEAR MILLS								
Companies.....number..	104	31	19	23	10	7	3	11
Establishments.....do....	118	31	19	25	10	7	7	19
All employees:								
Total.....do....	28,364	754	1,384	3,448	3,369	5,592	(D)	13,817
Payroll.....\$1,000..	95,869	2,211	4,299	11,122	11,442	19,387	(D)	47,408
Production workers:								
Total.....number..	25,578	675	1,276	3,061	3,097	4,949	(D)	12,520
Man-hours.....1,000..	48,103	1,243	2,319	5,719	5,977	9,142	(D)	23,703
Wages.....\$1,000..	76,076	1,784	3,506	8,797	9,037	14,161	(D)	38,791
Value added, adjusted.....do....	170,709	3,319	6,253	18,666	20,383	40,145	(D)	81,943
Value of shipments.....do....	364,834	7,629	14,526	40,167	56,076	85,526	(D)	160,910

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2256.--KNIT FABRIC MILLS								
Companies.....number..	487	368	47	29	14	7	5	17
Establishments.....do....	518	371	47	31	22	10	7	30
All employees:								
Total.....do.....	25,046	5,183	3,483	4,086	3,390	2,281	542	6,081
Payroll.....\$1,000..	117,532	27,991	16,280	18,410	14,762	10,309	2,458	27,322
Production workers:								
Total.....number..	21,364	4,281	3,007	3,440	2,908	1,958	483	5,287
Man-hours.....1,000..	46,465	9,406	6,702	6,837	6,379	4,375	909	11,857
Wages.....\$1,000..	88,296	20,140	12,302	13,363	11,289	7,545	1,862	21,795
Value added, adjusted.....do....	252,908	57,980	37,375	28,599	34,163	21,043	10,426	63,322
Value of shipments.....do....	817,383	192,175	125,431	88,584	99,980	52,829	27,194	231,190
INDUSTRY 2259.--KNITTING MILLS, N.E.C.								
Companies.....number..	86	65	9	6	2	3	-	1
Establishments.....do....	88	65	9	6	2	4	-	2
All employees:								
Total.....do.....	3,639	881	614	687	1,457	(D)	-	(D)
Payroll.....\$1,000..	12,458	3,272	1,949	2,476	4,761	(D)	-	(D)
Production workers:								
Total.....number..	3,215	767	558	587	1,303	(D)	-	(D)
Man-hours.....1,000..	6,054	1,442	998	1,125	2,489	(D)	-	(D)
Wages.....\$1,000..	9,935	2,502	1,588	1,780	4,065	(D)	-	(D)
Value added, adjusted.....do....	20,309	6,866	3,132	3,994	6,317	(D)	-	(D)
Value of shipments.....do....	40,731	14,509	6,182	8,357	11,683	(D)	-	(D)
INDUSTRY 2261.--FINISHING PLANTS, COTTON								
Companies.....number..	220	128	27	21	9	6	5	24
Establishments.....do....	238	128	27	22	10	7	8	36
All employees:								
Total.....do.....	42,055	1,718	1,853	3,258	2,427	2,589	4,835	25,375
Payroll.....\$1,000..	190,532	8,438	9,272	15,937	12,578	11,785	20,989	111,533
Production workers:								
Total.....number..	35,537	1,432	1,618	2,829	2,058	2,236	4,049	21,315
Man-hours.....1,000..	74,856	2,946	3,382	6,011	4,482	4,638	8,469	44,928
Wages.....\$1,000..	146,817	6,332	7,215	12,231	9,574	9,429	16,062	85,974
Value added, adjusted.....do....	332,290	16,023	14,655	25,872	16,686	19,237	30,337	209,480
Value of shipments.....do....	869,746	36,824	26,743	50,340	33,990	30,139	55,617	636,093
INDUSTRY 2262.--FINISHING PLANTS, SYNTHETIC								
Companies.....number..	193	106	31	33	10	3	2	8
Establishments.....do....	205	106	31	36	10	6	2	14
All employees:								
Total.....do.....	19,528	1,913	2,129	4,785	2,794	1,765	(D)	6,142
Payroll.....\$1,000..	105,975	9,948	12,940	29,043	15,703	9,224	(D)	29,117
Production workers:								
Total.....number..	16,222	1,622	1,876	4,138	2,393	1,464	(D)	4,729
Man-hours.....1,000..	36,524	3,486	4,156	9,514	5,176	3,543	(D)	10,649
Wages.....\$1,000..	81,391	7,707	10,290	23,382	12,415	7,224	(D)	20,373
Value added, adjusted.....do....	176,819	17,773	20,001	45,248	26,332	16,970	(D)	50,495
Value of shipments.....do....	323,701	29,002	39,916	72,837	42,698	28,079	(D)	111,169
INDUSTRY 2269.--FINISHING PLANTS, N.E.C.								
Companies.....number..	174	117	21	16	6	2	5	7
Establishments.....do....	178	117	21	16	6	2	6	10
All employees:								
Total.....do.....	9,236	1,627	1,367	1,730	1,530	(D)	1,192	1,790
Payroll.....\$1,000..	40,399	8,685	5,698	7,177	6,438	(D)	4,541	7,860
Production workers:								
Total.....number..	7,928	1,336	1,179	1,550	1,379	(D)	1,078	1,406
Man-hours.....1,000..	15,714	2,710	2,259	3,004	2,755	(D)	2,200	2,786
Wages.....\$1,000..	29,986	6,631	4,217	5,291	4,873	(D)	3,927	5,047
Value added, adjusted.....do....	73,159	15,221	10,019	11,128	11,510	(D)	9,636	15,645
Value of shipments.....do....	206,920	37,531	20,713	32,740	33,164	(D)	50,866	31,906

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² —						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2271.--WOVEN CARPETS AND RUGS								
Companies.....number..	56	40	1	5	2	-	4	4
Establishments.....do....	64	40	1	5	2	-	6	10
All employees:								
Total.....do....	13,357	452	(D)	1,325	(D)	-	4,042	7,538
Payroll.....\$1,000..	63,018	1,779	(D)	6,876	(D)	-	19,297	35,066
Production workers:								
Total.....number..	11,013	381	(D)	1,004	(D)	-	3,297	6,331
Man-hours.....1,000..	23,443	783	(D)	1,925	(D)	-	6,696	14,039
Wages.....\$1,000..	47,042	1,321	(D)	4,265	(D)	-	13,989	27,467
Value added, adjusted.....do....	120,004	4,348	(D)	10,635	(D)	-	29,637	75,384
Value of shipments.....do....	312,473	10,767	(D)	27,355	(D)	-	81,127	193,224
INDUSTRY 2272.--TUFTED CARPETS AND RUGS								
Companies.....number..	167	88	23	27	11	2	6	10
Establishments.....do....	181	88	23	27	13	3	8	19
All employees:								
Total.....do....	19,854	1,374	1,660	3,796	3,782	(D)	2,639	6,603
Payroll.....\$1,000..	80,470	5,830	6,206	13,744	16,577	(D)	12,412	25,701
Production workers:								
Total.....number..	17,188	1,140	1,378	3,377	3,144	(D)	2,388	5,761
Man-hours.....1,000..	36,359	2,357	2,959	6,401	6,843	(D)	5,768	12,031
Wages.....\$1,000..	61,312	4,056	4,361	10,340	11,937	(D)	10,767	19,851
Value added, adjusted.....do....	259,343	18,234	22,457	35,313	51,111	(D)	42,413	89,815
Value of shipments.....do....	801,804	58,961	66,770	105,307	163,247	(D)	139,354	268,165
INDUSTRY 2279.--CARPETS AND RUGS, N.E.C.								
Companies.....number..	103	87	10	3	3	-	-	-
Establishments.....do....	104	87	11	3	3	-	-	-
All employees:								
Total.....do....	2,445	923	722	445	355	-	-	-
Payroll.....\$1,000..	8,878	3,218	2,580	2,008	1,072	-	-	-
Production workers:								
Total.....number..	2,145	802	637	377	329	-	-	-
Man-hours.....1,000..	4,068	1,522	1,252	754	540	-	-	-
Wages.....\$1,000..	6,815	2,335	2,170	1,417	893	-	-	-
Value added, adjusted.....do....	15,595	5,353	4,526	3,485	2,231	-	-	-
Value of shipments.....do....	29,585	9,841	9,345	6,838	3,561	-	-	-
INDUSTRY 2281.--YARN MILLS, EXCEPT WOOL								
Companies.....number..	234	50	24	74	26	19	13	28
Establishments.....do....	317	50	25	77	32	27	43	63
All employees:								
Total.....do....	61,647	1,030	1,538	12,214	8,351	8,524	11,201	18,789
Payroll.....\$1,000..	208,091	3,076	4,719	39,894	27,601	29,420	38,958	64,423
Production workers:								
Total.....number..	58,177	929	1,437	11,525	7,891	8,087	10,727	17,581
Man-hours.....1,000..	117,894	1,775	2,685	23,530	15,677	15,656	22,618	35,953
Wages.....\$1,000..	184,789	2,633	3,953	34,910	24,564	26,204	35,435	57,090
Value added, adjusted.....do....	363,177	4,684	8,404	71,078	43,262	50,863	79,773	105,113
Value of shipments.....do....	1,067,043	15,185	24,279	198,171	137,117	141,421	224,138	326,732
INDUSTRY 2282.--THROWING AND WINDING MILLS								
Companies.....number..	165	99	26	18	4	8	3	7
Establishments.....do....	180	99	26	21	4	9	5	16
All employees:								
Total.....do....	13,559	1,594	1,788	2,283	1,558	3,295	(D)	3,041
Payroll.....\$1,000..	47,066	5,711	5,895	7,581	4,557	10,943	(D)	12,379
Production workers:								
Total.....number..	12,104	1,447	1,619	2,141	1,468	3,007	(D)	2,422
Man-hours.....1,000..	24,080	2,778	3,113	4,262	2,672	6,231	(D)	5,024
Wages.....\$1,000..	37,276	4,730	4,693	6,457	3,967	9,422	(D)	8,007
Value added, adjusted.....do....	93,649	13,214	9,493	13,101	7,872	23,384	(D)	26,585
Value of shipments.....do....	319,252	25,307	23,543	43,964	19,755	93,520	(D)	113,163

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2283.--WOOL YARN MILLS								
Companies.....number..	136	52	21	31	8	5	7	12
Establishments.....do....	144	52	21	34	8	6	7	16
All employees:								
Total.....do.....	17,385	1,194	1,448	4,341	1,203	1,828	1,533	5,838
Payroll.....\$1,000..	66,526	4,524	5,501	16,771	4,768	7,287	5,625	22,050
Production workers:								
Total.....number..	15,769	1,086	1,340	3,978	1,068	1,617	1,410	5,270
Man-hours.....1,000..	32,000	2,189	2,664	7,831	2,164	3,204	2,895	11,053
Wages.....\$1,000..	55,015	3,820	4,384	13,950	3,901	5,506	4,654	18,800
Value added, adjusted.....do....	119,718	6,898	8,298	31,197	7,953	13,458	11,439	40,475
Value of shipments.....do....	422,189	17,199	23,370	95,352	24,490	51,110	44,598	166,070
INDUSTRY 2284.--THREAD MILLS								
Companies.....number..	59	40	6	3	2	1	4	3
Establishments.....do....	71	40	6	3	2	1	8	11
All employees:								
Total.....do.....	10,056	477	405	579	1,084	(D)	7,511	(D)
Payroll.....\$1,000..	37,438	2,050	1,636	2,289	4,415	(D)	27,048	(D)
Production workers:								
Total.....number..	8,762	344	357	504	956	(D)	6,601	(D)
Man-hours.....1,000..	17,465	680	742	1,000	1,932	(D)	13,111	(D)
Wages.....\$1,000..	28,921	1,209	1,188	1,509	3,219	(D)	21,796	(D)
Value added, adjusted.....do....	75,821	3,567	2,833	4,880	8,037	(D)	56,504	(D)
Value of shipments.....do....	194,068	11,273	5,403	8,806	14,817	(D)	153,769	(D)
INDUSTRY 2291.--FELT GOODS, N.E.C.								
Companies.....number..	28	10	2	3	4	3	3	3
Establishments.....do....	36	10	2	3	6	8	4	3
All employees:								
Total.....do.....	4,952	297	(D)	503	1,279	1,528	1,345	(D)
Payroll.....\$1,000..	27,011	1,666	(D)	2,389	6,180	9,223	7,553	(D)
Production workers:								
Total.....number..	4,042	241	(D)	478	1,101	1,110	1,112	(D)
Man-hours.....1,000..	8,658	524	(D)	990	2,178	2,454	2,512	(D)
Wages.....\$1,000..	20,016	1,109	(D)	2,040	4,711	6,578	5,578	(D)
Value added, adjusted.....do....	58,625	3,245	(D)	4,051	11,015	22,837	17,477	(D)
Value of shipments.....do....	133,998	7,483	(D)	8,790	24,455	51,966	41,304	(D)
INDUSTRY 2292.--LACE GOODS								
Companies.....number..	145	121	11	4	5	2	1	1
Establishments.....do....	152	121	11	6	8	3	1	2
All employees:								
Total.....do.....	4,912	1,325	700	563	2,324	(D)	(D)	(D)
Payroll.....\$1,000..	19,749	5,270	3,134	2,327	9,018	(D)	(D)	(D)
Production workers:								
Total.....number..	4,265	1,169	629	527	1,940	(D)	(D)	(D)
Man-hours.....1,000..	8,094	2,169	1,269	1,033	3,623	(D)	(D)	(D)
Wages.....\$1,000..	15,996	4,515	2,568	2,009	6,904	(D)	(D)	(D)
Value added, adjusted.....do....	31,472	8,164	4,486	3,831	14,991	(D)	(D)	(D)
Value of shipments.....do....	53,046	15,389	6,958	6,388	24,311	(D)	(D)	(D)
INDUSTRY 2293.--PADDING AND UPHOLSTERY FILLING								
Companies.....number..	168	133	9	9	3	5	2	7
Establishments.....do....	183	134	10	12	4	10	2	11
All employees:								
Total.....do.....	6,932	1,733	619	1,821	(D)	1,624	(D)	1,135
Payroll.....\$1,000..	33,651	8,802	2,949	8,375	(D)	8,451	(D)	5,074
Production workers:								
Total.....number..	5,718	1,361	540	1,476	(D)	1,361	(D)	980
Man-hours.....1,000..	12,036	2,973	1,114	3,100	(D)	2,990	(D)	1,859
Wages.....\$1,000..	25,156	5,806	1,983	6,030	(D)	7,285	(D)	4,052
Value added, adjusted.....do....	65,588	16,547	6,420	16,709	(D)	15,979	(D)	9,933
Value of shipments.....do....	156,539	43,962	17,531	35,673	(D)	38,405	(D)	20,968

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2294.--PROCESSED TEXTILE WASTE								
Companies.....number..	137	112	13	9	1	1	-	1
Establishments.....do....	141	112	16	9	1	2	-	1
All employees:								
Total.....do....	4,240	1,709	818	1,713	(D)	(D)	-	(D)
Payroll.....\$1,000..	17,845	7,209	3,617	7,019	(D)	(D)	-	(D)
Production workers:								
Total.....number..	3,589	1,400	690	1,499	(D)	(D)	-	(D)
Man-hours.....1,000..	7,619	2,925	1,503	3,191	(D)	(D)	-	(D)
Wages.....\$1,000..	12,869	5,082	2,501	5,286	(D)	(D)	-	(D)
Value added, adjusted.....do..	30,961	12,492	5,776	12,693	(D)	(D)	-	(D)
Value of shipments.....do....	87,482	23,940	12,075	51,467	(D)	(D)	-	(D)
INDUSTRY 2295.--COATED FABRIC, NOT RUBBERIZED								
Companies.....number..	149	103	12	8	7	1	5	13
Establishments.....do....	162	103	12	8	11	1	5	22
All employees:								
Total.....do....	13,705	1,633	787	737	1,763	(D)	330	8,455
Payroll.....\$1,000..	89,235	9,189	4,731	5,142	11,461	(D)	2,233	56,479
Production workers:								
Total.....number..	10,240	1,213	622	537	1,318	(D)	198	6,352
Man-hours.....1,000..	22,067	2,507	1,225	1,212	2,981	(D)	433	13,709
Wages.....\$1,000..	58,844	5,627	2,929	2,819	7,387	(D)	1,142	38,940
Value added, adjusted.....do..	179,307	18,681	8,295	7,097	20,742	(D)	5,047	119,445
Value of shipments.....do....	435,743	44,868	19,799	22,445	59,965	(D)	9,237	279,429
INDUSTRY 2296.--TIRE CORD AND FABRIC								
Companies.....number..	12	1	-	1	-	-	1	9
Establishments.....do....	20	1	-	1	-	-	1	17
All employees:								
Total.....do....	9,163	280	-	(D)	-	-	(D)	8,883
Payroll.....\$1,000..	35,139	961	-	(D)	-	-	(D)	34,178
Production workers:								
Total.....number..	8,347	266	-	(D)	-	-	(D)	8,081
Man-hours.....1,000..	16,388	484	-	(D)	-	-	(D)	15,904
Wages.....\$1,000..	30,041	874	-	(D)	-	-	(D)	29,167
Value added, adjusted.....do..	72,267	2,182	-	(D)	-	-	(D)	70,085
Value of shipments.....do....	375,689	12,858	-	(D)	-	-	(D)	362,831
INDUSTRY 2297.--SCOURING AND COMBING PLANTS								
Companies.....number..	64	44	5	5	2	6	1	1
Establishments.....do....	69	44	5	5	2	11	1	1
All employees:								
Total.....do....	5,798	614	379	1,483	(D)	3,322	(D)	(D)
Payroll.....\$1,000..	24,749	2,725	1,701	6,351	(D)	13,972	(D)	(D)
Production workers:								
Total.....number..	5,171	524	312	1,353	(D)	2,982	(D)	(D)
Man-hours.....1,000..	10,615	1,121	615	2,717	(D)	6,162	(D)	(D)
Wages.....\$1,000..	19,812	1,962	1,281	4,926	(D)	11,643	(D)	(D)
Value added, adjusted.....do..	45,402	5,702	2,515	15,409	(D)	21,776	(D)	(D)
Value of shipments.....do....	119,918	17,776	3,330	47,080	(D)	51,732	(D)	(D)
INDUSTRY 2298.--CORDAGE AND TWINE								
Companies.....number..	148	106	14	10	8	3	4	3
Establishments.....do....	167	106	16	12	16	5	7	5
All employees:								
Total.....do....	8,920	954	865	1,597	2,610	(D)	982	1,912
Payroll.....\$1,000..	34,524	3,595	3,724	5,610	10,777	(D)	3,622	7,196
Production workers:								
Total.....number..	7,704	784	694	1,445	2,198	(D)	908	1,675
Man-hours.....1,000..	14,835	1,563	1,264	2,804	4,258	(D)	1,712	3,234
Wages.....\$1,000..	26,590	2,688	2,406	4,468	7,799	(D)	3,113	6,116
Value added, adjusted.....do..	57,614	7,011	6,282	9,643	14,618	(D)	5,724	14,336
Value of shipments.....do....	149,331	15,563	14,453	23,285	42,475	(D)	17,039	36,516

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2299.--TEXTILE GOODS, N.E.C.								
Companies.....number..	127	96	4	7	6	1	4	9
Establishments.....do....	137	96	4	7	6	3	9	12
All employees:								
Total.....do.....	7,283	927	233	528	1,996	(D)	1,943	1,656
Payroll.....\$1,000..	34,858	4,000	1,170	1,794	10,581	(D)	8,208	9,105
Production workers:								
Total.....number..	5,823	788	178	463	1,475	(D)	1,667	1,252
Man-hours.....1,000..	11,665	1,539	384	905	2,905	(D)	3,427	2,505
Wages.....\$1,000..	22,925	2,960	746	1,298	6,039	(D)	6,093	5,789
Value added, adjusted.....do....	78,746	8,138	3,588	2,848	22,630	(D)	15,234	26,308
Value of shipments.....do....	169,770	20,677	7,710	8,730	41,687	(D)	35,558	55,408
MAJOR GROUP 23.--APPAREL AND RELATED PRODUCTS								
Companies.....number..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Establishments.....do....	28,457	21,581	3,048	1,830	681	443	348	526
All employees:								
Total.....do.....	1,279,534	299,132	204,241	243,805	140,208	108,645	106,488	177,015
Payroll.....\$1,000..	4,423,033	1,149,257	692,334	799,776	448,805	361,851	363,576	607,434
Production workers:								
Total.....number..	1,132,859	255,393	183,207	218,666	125,260	96,203	96,202	157,928
Man-hours.....1,000..	2,052,569	454,910	323,052	394,271	230,654	176,394	178,795	294,493
Wages.....\$1,000..	3,482,286	865,046	552,966	638,383	360,181	277,739	293,363	494,608
Value added, adjusted.....do....	7,861,011	2,179,062	1,117,136	1,296,602	717,197	620,818	676,471	1,253,725
Value of shipments ⁴do....	17,096,862	5,345,109	2,253,603	2,559,098	1,435,233	1,298,199	1,375,250	2,830,370
INDUSTRY 2311.--MEN'S AND BOYS' SUITS AND COATS								
Companies.....number..	1,031	629	157	138	49	26	18	14
Establishments.....do....	1,112	629	160	149	63	42	28	41
All employees:								
Total.....do.....	122,679	8,572	11,087	20,873	16,541	15,364	22,499	27,743
Payroll.....\$1,000..	494,240	37,585	43,649	80,508	63,920	61,450	93,742	113,386
Production workers:								
Total.....number..	109,045	7,083	9,952	19,079	14,448	13,718	20,808	23,957
Man-hours.....1,000..	198,628	13,034	17,861	34,483	27,268	23,649	37,613	44,720
Wages.....\$1,000..	398,071	26,908	34,602	66,754	52,355	48,759	78,329	90,364
Value added, adjusted.....do....	831,910	75,522	68,007	126,247	99,747	98,894	185,439	178,054
Value of shipments.....do....	1,526,019	206,068	134,870	217,820	159,794	167,516	282,922	357,029
INDUSTRY 2321.--MEN'S DRESS SHIRTS AND NIGHTWEAR								
Companies.....number..	659	340	84	122	49	26	12	26
Establishments.....do....	832	342	88	132	64	45	44	117
All employees:								
Total.....do.....	112,926	4,812	5,974	19,113	15,061	13,815	14,210	39,941
Payroll.....\$1,000..	316,331	18,562	19,140	53,120	40,580	37,286	40,473	107,170
Production workers:								
Total.....number..	104,022	3,697	5,437	17,691	14,231	12,843	13,413	36,710
Man-hours.....1,000..	191,629	6,893	10,057	32,613	26,040	24,376	25,048	66,602
Wages.....\$1,000..	273,764	10,976	15,119	45,664	35,667	32,131	35,160	99,047
Value added, adjusted.....do....	599,423	40,939	27,456	75,628	58,943	57,454	71,673	267,330
Value of shipments.....do....	1,295,079	169,078	59,286	129,103	109,208	117,049	128,049	583,306
INDUSTRY 2322.--MEN'S AND BOYS' UNDERWEAR								
Companies.....number..	65	26	10	8	5	5	3	8
Establishments.....do....	80	26	10	8	7	8	5	16
All employees:								
Total.....do.....	12,084	450	748	1,360	1,623	1,979	1,094	4,830
Payroll.....\$1,000..	32,566	1,449	1,916	3,449	4,323	5,857	3,136	12,436
Production workers:								
Total.....number..	11,305	394	690	1,262	1,474	1,857	1,005	4,623
Man-hours.....1,000..	20,828	732	1,208	2,225	2,714	3,394	1,881	8,674
Wages.....\$1,000..	28,130	1,144	1,604	2,831	3,588	5,112	2,526	11,325
Value added, adjusted.....do....	63,186	2,703	3,138	4,724	6,858	8,714	4,117	32,932
Value of shipments.....do....	134,949	5,072	6,281	14,483	15,926	18,260	7,420	67,507

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2323.--MEN'S AND BOYS' NECKWEAR								
Companies.....number..	341	295	31	11	2	-	-	2
Establishments.....do....	341	295	31	11	2	-	-	2
All employees:								
Total.....do.....	8,385	3,506	2,065	1,719	1,095	-	-	(D)
Payroll.....\$1,000..	30,875	12,828	7,798	6,545	<u>3,704</u>	-	-	(D)
Production workers:								
Total.....number..	6,872	2,899	1,755	1,344	874	-	-	(D)
Man-hours.....1,000..	11,959	5,078	3,073	2,193	<u>1,615</u>	-	-	(D)
Wages.....\$1,000..	20,632	9,209	5,257	3,659	<u>2,507</u>	-	-	(D)
Value added, adjusted.....do....	58,136	24,050	14,162	11,727	<u>8,197</u>	-	-	(D)
Value of shipments.....do....	121,313	51,313	28,560	26,379	<u>15,061</u>	-	-	(D)
INDUSTRY 2327.--SEPARATE TROUSERS								
Companies.....number..	667	395	73	100	51	16	14	18
Establishments.....do....	735	396	74	105	63	29	25	43
All employees:								
Total.....do.....	73,848	4,870	5,349	15,972	15,993	8,379	10,015	13,270
Payroll.....\$1,000..	224,371	19,321	17,322	47,984	46,415	26,119	30,635	36,575
Production workers:								
Total.....number..	67,938	3,914	4,853	14,792	14,737	7,774	9,031	12,837
Man-hours.....1,000..	126,369	7,154	8,644	27,357	27,143	14,590	17,422	24,059
Wages.....\$1,000..	186,406	12,778	13,623	40,299	39,274	21,926	24,330	34,176
Value added, adjusted.....do....	383,134	39,600	24,800	73,667	65,784	44,413	55,947	78,923
Value of shipments.....do....	824,224	153,174	61,247	149,684	118,460	85,058	109,819	146,782
INDUSTRY 2328.--WORK CLOTHING								
Companies.....number..	301	138	33	56	36	15	12	11
Establishments.....do....	439	139	33	60	61	30	49	67
All employees:								
Total.....do.....	62,477	2,361	2,398	8,660	10,797	9,095	10,819	18,347
Payroll.....\$1,000..	179,612	7,425	7,026	25,104	29,586	26,202	30,076	54,193
Production workers:								
Total.....number..	57,580	2,106	2,188	7,977	9,849	8,077	10,304	17,079
Man-hours.....1,000..	105,308	3,924	3,932	14,559	18,511	14,663	19,351	30,368
Wages.....\$1,000..	149,811	5,967	5,932	20,622	24,823	20,241	26,942	45,284
Value added, adjusted.....do....	330,653	13,506	11,065	40,234	50,429	49,244	43,156	123,019
Value of shipments.....do....	824,710	40,257	27,723	79,522	104,458	144,002	140,369	288,379
INDUSTRY 2329.--MEN'S AND BOYS' CLOTHING, N.E.C.								
Companies.....number..	529	307	102	83	21	6	2	8
Establishments.....do....	554	310	104	88	29	11	2	10
All employees:								
Total.....do.....	35,917	5,409	7,056	12,309	5,098	<u>3,538</u>	(D)	2,507
Payroll.....\$1,000..	115,722	19,291	22,541	40,347	15,049	<u>10,458</u>	(D)	8,036
Production workers:								
Total.....number..	32,293	4,650	6,448	11,081	4,568	<u>3,351</u>	(D)	2,195
Man-hours.....1,000..	57,102	8,134	11,084	19,719	8,174	<u>5,751</u>	(D)	4,240
Wages.....\$1,000..	92,813	14,390	18,394	33,098	12,182	<u>8,347</u>	(D)	6,402
Value added, adjusted.....do....	183,224	35,595	33,690	58,589	23,214	<u>19,658</u>	(D)	12,478
Value of shipments.....do....	397,551	100,543	60,381	110,399	47,843	<u>51,314</u>	(D)	27,071
INDUSTRY 2331.--BLOUSES								
Companies.....number..	1,130	831	165	91	22	5	5	11
Establishments.....do....	1,175	832	166	99	33	16	8	21
All employees:								
Total.....do.....	57,595	16,277	11,218	12,793	6,554	2,336	2,376	6,041
Payroll.....\$1,000..	177,929	55,649	33,548	36,563	21,187	7,304	7,286	16,387
Production workers:								
Total.....number..	52,099	14,115	10,348	11,954	5,925	2,101	2,034	5,622
Man-hours.....1,000..	92,742	24,349	17,929	21,460	10,802	3,491	4,088	10,623
Wages.....\$1,000..	145,617	41,557	28,836	32,587	16,796	5,485	5,772	14,584
Value added, adjusted.....do....	300,525	112,308	53,434	50,923	39,664	10,836	11,861	21,499
Value of shipments.....do....	610,185	285,088	90,085	68,084	84,066	17,312	19,594	45,956

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² —						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2335.--DRESSES								
Companies.....number..	4,577	3,441	798	258	45	19	11	5
Establishments.....do....	4,752	3,443	806	295	65	65	47	31
All employees:								
Total.....do....	200,003	69,589	53,772	36,961	13,404	11,870	9,892	4,515
Payroll.....\$1,000..	686,818	260,154	173,166	116,975	44,236	39,139	34,897	18,251
Production workers:								
Total.....number..	177,149	60,624	48,966	33,228	11,834	10,152	8,680	3,665
Man-hours.....1,000..	306,261	102,867	83,317	57,397	21,006	18,841	16,270	6,563
Wages.....\$1,000..	543,656	200,198	145,323	95,728	35,266	28,542	26,407	12,192
Value added, adjusted.....do....	1,180,883	482,784	267,500	187,966	64,067	70,561	57,350	50,655
Value of shipments.....do....	2,410,972	1,097,209	460,937	346,864	124,614	135,474	128,547	117,327
INDUSTRY 2337.--WOMEN'S SUITS, COATS, AND SKIRTS								
Companies.....number..	2,481	1,973	366	106	19	7	6	4
Establishments.....do....	2,516	1,975	370	111	32	12	10	6
All employees:								
Total.....do....	88,332	36,969	24,683	14,051	5,260	2,850	4,519	(D)
Payroll.....\$1,000..	361,001	158,332	93,405	57,559	19,460	12,930	19,315	(D)
Production workers:								
Total.....number..	75,472	31,328	21,986	12,056	4,193	2,316	3,593	(D)
Man-hours.....1,000..	133,604	55,010	38,330	21,738	7,522	3,891	7,113	(D)
Wages.....\$1,000..	271,450	118,809	74,667	42,916	15,041	7,884	12,133	(D)
Value added, adjusted.....do....	637,869	297,150	150,410	97,440	33,333	17,818	41,718	(D)
Value of shipments.....do....	1,522,725	755,077	311,382	228,632	82,010	45,197	100,427	(D)
INDUSTRY 2339.--WOMEN'S OUTERWEAR, N.E.C.								
Companies.....number..	1,252	909	204	99	15	7	9	9
Establishments.....do....	1,297	911	206	104	23	14	21	18
All employees:								
Total.....do....	59,536	14,774	13,567	13,585	4,305	3,610	3,522	6,173
Payroll.....\$1,000..	200,246	50,489	43,585	43,439	13,418	13,742	11,941	23,632
Production workers:								
Total.....number..	51,407	12,753	12,340	11,755	3,800	2,870	2,965	4,924
Man-hours.....1,000..	93,972	22,608	22,333	20,991	7,104	5,674	6,076	9,186
Wages.....\$1,000..	151,362	38,451	36,083	32,073	10,379	9,364	9,555	15,457
Value added, adjusted.....do....	340,462	96,131	68,146	73,890	23,464	21,688	22,152	34,991
Value of shipments.....do....	785,958	237,113	129,843	166,697	50,179	47,334	59,767	95,025
INDUSTRY 2341.--WOMEN'S AND CHILDREN'S UNDERWEAR								
Companies.....number..	978	661	134	106	36	23	6	12
Establishments.....do....	1,069	662	135	119	49	40	24	40
All employees:								
Total.....do....	76,723	10,891	9,350	15,702	10,579	12,407	5,486	12,308
Payroll.....\$1,000..	238,850	37,395	29,396	46,551	32,438	40,298	16,019	36,753
Production workers:								
Total.....number..	68,446	9,081	8,299	14,343	9,735	11,088	4,802	11,098
Man-hours.....1,000..	123,433	15,351	14,369	25,853	17,531	20,897	8,669	20,763
Wages.....\$1,000..	186,282	25,545	22,840	38,040	26,317	30,763	12,382	30,395
Value added, adjusted.....do....	430,771	75,333	47,730	74,409	49,450	71,578	34,020	78,251
Value of shipments.....do....	976,108	230,435	104,351	154,660	104,895	152,431	74,493	154,843
INDUSTRY 2342.--CORSETS AND ALLIED GARMENTS								
Companies.....number..	296	167	44	57	10	6	5	7
Establishments.....do....	351	169	44	62	17	12	18	29
All employees:								
Total.....do....	37,144	2,674	3,128	9,049	3,337	2,661	6,678	9,617
Payroll.....\$1,000..	139,907	10,192	11,318	33,485	12,102	10,646	25,096	37,068
Production workers:								
Total.....number..	31,394	2,239	2,726	7,865	2,972	1,942	5,604	8,046
Man-hours.....1,000..	56,746	4,060	4,813	13,914	5,797	3,318	10,005	14,839
Wages.....\$1,000..	95,726	6,959	8,231	23,906	9,185	5,495	17,397	24,553
Value added, adjusted.....do....	310,150	19,889	18,317	63,665	19,537	21,779	58,417	108,546
Value of shipments.....do....	593,912	45,316	37,049	125,287	40,624	41,856	128,455	175,325

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2351.--MILLINERY								
Companies.....number..	710	652	46	8	3	1	-	-
Establishments.....do....	711	653	46	8	3	1	-	-
All employees:								
Total.....do....	14,183	8,390	3,102	1,157	<u>1,534</u>	(D)	-	-
Payroll.....\$1,000..	55,576	34,054	11,847	4,268	<u>5,407</u>	(D)	-	-
Production workers:								
Total.....number..	12,244	7,253	2,692	966	<u>1,333</u>	(D)	-	-
Man-hours.....1,000..	21,688	13,006	4,814	1,618	<u>2,250</u>	(D)	-	-
Wages.....\$1,000..	44,277	27,379	9,056	3,553	<u>4,289</u>	(D)	-	-
Value added, adjusted.....do....	93,168	59,830	19,048	7,266	<u>7,024</u>	(D)	-	-
Value of shipments.....do....	163,185	104,748	33,967	11,949	<u>12,521</u>	(D)	-	-
INDUSTRY 2352.--HATS AND CAPS								
Companies.....number..	413	342	39	22	2	5	2	1
Establishments.....do....	436	343	39	23	2	16	7	6
All employees:								
Total.....do....	16,608	3,973	2,591	<u>3,407</u>	(D)	2,740	<u>3,897</u>	(D)
Payroll.....\$1,000..	60,463	14,440	9,345	<u>10,826</u>	(D)	8,668	<u>17,184</u>	(D)
Production workers:								
Total.....number..	14,578	3,500	2,347	2,920	(D)	2,555	<u>3,256</u>	(D)
Man-hours.....1,000..	26,619	6,364	4,204	<u>5,347</u>	(D)	4,895	<u>5,809</u>	(D)
Wages.....\$1,000..	47,392	11,675	7,594	<u>8,597</u>	(D)	7,318	<u>12,208</u>	(D)
Value added, adjusted.....do....	91,606	24,068	14,271	<u>17,418</u>	(D)	12,391	<u>23,458</u>	(D)
Value of shipments.....do....	171,108	45,210	25,767	<u>32,488</u>	(D)	21,397	<u>46,246</u>	(D)
INDUSTRY 2361.--CHILDREN'S DRESSES AND BLOUSES								
Companies.....number..	630	439	103	57	20	3	5	3
Establishments.....do....	667	440	104	66	27	12	14	4
All employees:								
Total.....do....	35,792	8,423	6,963	8,394	5,369	1,547	<u>5,096</u>	(D)
Payroll.....\$1,000..	115,061	28,723	22,653	25,996	16,971	4,435	<u>16,283</u>	(D)
Production workers:								
Total.....number..	31,928	7,212	6,172	7,732	4,860	1,369	<u>4,583</u>	(D)
Man-hours.....1,000..	55,885	11,775	10,674	13,793	9,240	2,441	<u>7,962</u>	(D)
Wages.....\$1,000..	89,976	20,314	17,152	21,124	14,109	3,691	<u>13,586</u>	(D)
Value added, adjusted.....do....	205,623	54,988	41,884	41,412	28,026	6,530	<u>32,783</u>	(D)
Value of shipments.....do....	443,343	147,700	99,954	71,141	59,301	9,183	<u>56,064</u>	(D)
INDUSTRY 2363.--CHILDREN'S COATS AND SUITS								
Companies.....number..	269	202	37	21	7	1	-	1
Establishments.....do....	285	206	38	29	10	1	-	1
All employees:								
Total.....do....	11,848	3,551	2,454	3,397	<u>2,446</u>	(D)	-	(D)
Payroll.....\$1,000..	42,986	13,462	8,954	12,340	<u>8,230</u>	(D)	-	(D)
Production workers:								
Total.....number..	10,395	3,074	2,116	3,073	<u>2,132</u>	(D)	-	(D)
Man-hours.....1,000..	18,562	5,572	3,827	5,578	<u>3,585</u>	(D)	-	(D)
Wages.....\$1,000..	32,899	10,251	6,994	9,868	<u>5,786</u>	(D)	-	(D)
Value added, adjusted.....do....	72,735	24,767	15,531	18,864	<u>13,573</u>	(D)	-	(D)
Value of shipments.....do....	162,929	66,506	34,192	34,995	<u>27,236</u>	(D)	-	(D)
INDUSTRY 2369.--CHILDREN'S OUTERWEAR, N.E.C.								
Companies.....number..	602	423	84	65	15	6	1	8
Establishments.....do....	624	423	85	73	20	8	4	11
All employees:								
Total.....do....	34,244	7,228	5,712	9,689	3,815	<u>3,117</u>	(D)	4,683
Payroll.....\$1,000..	107,012	24,310	18,454	29,151	11,441	<u>9,769</u>	(D)	13,887
Production workers:								
Total.....number..	30,355	6,269	5,150	8,826	3,206	<u>2,764</u>	(D)	4,140
Man-hours.....1,000..	56,051	11,247	9,471	16,167	6,038	<u>5,514</u>	(D)	7,614
Wages.....\$1,000..	84,383	18,154	14,559	23,844	8,896	<u>7,807</u>	(D)	11,123
Value added, adjusted.....do....	188,344	49,964	32,507	48,975	17,706	<u>20,366</u>	(D)	18,826
Value of shipments.....do....	419,551	137,400	66,067	107,384	30,983	<u>35,995</u>	(D)	41,722

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2371.--FUR GOODS								
Companies.....number..	1,591	1,578	11	2	-	-	-	-
Establishments.....do....	1,591	1,578	11	2	-	-	-	-
All employees:								
Total.....do.....	9,289	8,320	969	(D)	-	-	-	-
Payroll.....\$1,000..	55,961	49,727	6,234	(D)	-	-	-	-
Production workers:								
Total.....number..	7,700	6,854	846	(D)	-	-	-	-
Man-hours.....1,000..	14,484	12,944	1,540	(D)	-	-	-	-
Wages.....\$1,000..	45,591	40,429	5,162	(D)	-	-	-	-
Value added, adjusted.....do....	110,619	101,141	9,478	(D)	-	-	-	-
Value of shipments.....do....	334,414	305,535	28,879	(D)	-	-	-	-
INDUSTRY 2381.--FABRIC DRESS AND WORK GLOVES								
Companies.....number..	170	119	21	12	9	5	3	1
Establishments.....do....	197	119	22	16	15	12	12	1
All employees:								
Total.....do.....	12,771	1,482	3,139	(D)	2,469	5,681	(D)	(D)
Payroll.....\$1,000..	36,673	4,604	8,928	(D)	7,175	15,966	(D)	(D)
Production workers:								
Total.....number..	11,859	1,306	2,873	(D)	2,327	5,353	(D)	(D)
Man-hours.....1,000..	21,271	2,397	5,023	(D)	4,355	9,496	(D)	(D)
Wages.....\$1,000..	31,513	3,649	7,454	(D)	6,744	13,666	(D)	(D)
Value added, adjusted.....do....	68,372	8,280	16,777	(D)	13,960	29,355	(D)	(D)
Value of shipments.....do....	149,503	22,275	34,995	(D)	29,843	62,390	(D)	(D)
INDUSTRY 2384.--ROBES AND DRESSING GOWNS								
Companies.....number..	268	208	27	24	5	-	1	3
Establishments.....do....	271	208	27	24	5	-	2	5
All employees:								
Total.....do.....	11,889	3,774	1,881	3,721	1,039	-	1,474	(D)
Payroll.....\$1,000..	37,381	12,973	5,346	11,566	3,204	-	4,292	(D)
Production workers:								
Total.....number..	10,482	3,141	1,684	3,339	923	-	1,395	(D)
Man-hours.....1,000..	18,941	5,259	2,980	6,106	1,814	-	2,782	(D)
Wages.....\$1,000..	29,122	9,075	4,507	9,281	2,611	-	3,648	(D)
Value added, adjusted.....do....	68,717	26,118	8,485	21,545	4,980	-	7,589	(D)
Value of shipments.....do....	173,450	75,117	14,107	49,949	13,287	-	20,990	(D)
INDUSTRY 2385.--WATERPROOF OUTERGARMENTS								
Companies.....number..	331	242	53	21	8	4	1	2
Establishments.....do....	341	242	55	24	9	7	2	2
All employees:								
Total.....do.....	16,448	4,308	3,518	3,135	2,028	3,459	(D)	(D)
Payroll.....\$1,000..	60,824	17,709	11,261	11,607	7,528	12,719	(D)	(D)
Production workers:								
Total.....number..	14,154	3,585	3,186	2,768	1,673	2,942	(D)	(D)
Man-hours.....1,000..	24,964	6,229	5,607	5,090	3,076	4,962	(D)	(D)
Wages.....\$1,000..	44,990	12,552	9,185	8,736	5,189	9,328	(D)	(D)
Value added, adjusted.....do....	111,342	32,683	17,988	21,170	11,905	27,596	(D)	(D)
Value of shipments.....do....	235,540	92,831	30,967	36,932	20,435	54,375	(D)	(D)
INDUSTRY 2386.--LEATHER AND SHEEPLINED CLOTHING								
Companies.....number..	114	90	15	7	1	1	-	-
Establishments.....do....	114	90	15	7	1	1	-	-
All employees:								
Total.....do.....	3,352	1,224	987	1,141	(D)	(D)	-	-
Payroll.....\$1,000..	12,817	5,339	3,481	3,997	(D)	(D)	-	-
Production workers:								
Total.....number..	3,016	1,060	921	1,035	(D)	(D)	-	-
Man-hours.....1,000..	5,764	2,005	1,814	1,945	(D)	(D)	-	-
Wages.....\$1,000..	10,535	4,260	3,046	3,229	(D)	(D)	-	-
Value added, adjusted.....do....	23,351	9,692	5,489	8,170	(D)	(D)	-	-
Value of shipments.....do....	56,380	26,734	12,018	17,628	(D)	(D)	-	-

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2387.--APPAREL BELTS								
Companies.....number..	388	335	33	14	2	1	1	2
Establishments.....do....	389	335	33	14	2	1	1	3
All employees:								
Total.....do.....	9,841	4,427	2,151	1,824	1,439	(D)	(D)	(D)
Payroll.....\$1,000..	35,590	15,456	7,447	6,014	6,673	(D)	(D)	(D)
Production workers:								
Total.....number..	8,295	3,864	1,910	1,603	918	(D)	(D)	(D)
Man-hours.....1,000..	15,240	7,203	3,520	2,768	1,749	(D)	(D)	(D)
Wages.....\$1,000..	24,843	12,050	5,524	4,335	2,934	(D)	(D)	(D)
Value added, adjusted.....do....	62,172	25,963	12,412	9,862	13,935	(D)	(D)	(D)
Value of shipments.....do....	108,600	44,190	21,353	17,126	25,931	(D)	(D)	(D)
INDUSTRY 2389.--APPAREL, N.E.C.								
Companies.....number..	265	227	19	9	9	-	-	1
Establishments.....do....	270	227	19	9	14	-	-	1
All employees:								
Total.....do.....	7,225	3,016	1,273	1,000	1,936	-	-	(D)
Payroll.....\$1,000..	25,553	10,960	4,093	4,324	6,176	-	-	(D)
Production workers:								
Total.....number..	6,181	2,443	1,127	893	1,718	-	-	(D)
Man-hours.....1,000..	10,985	4,315	1,971	1,690	3,009	-	-	(D)
Wages.....\$1,000..	19,231	7,739	3,228	3,533	4,731	-	-	(D)
Value added, adjusted.....do....	43,211	19,972	6,745	7,181	9,313	-	-	(D)
Value of shipments.....do....	98,173	45,029	13,682	14,173	25,289	-	-	(D)
INDUSTRY 2391.--CURTAINS AND DRAPERIES								
Companies.....number..	1,092	1,011	37	32	5	4	-	3
Establishments.....do....	1,121	1,013	37	36	8	19	-	8
All employees:								
Total.....do.....	21,955	8,679	2,577	4,623	1,441	4,635	-	(D)
Payroll.....\$1,000..	75,114	31,087	9,773	15,057	4,502	14,695	-	(D)
Production workers:								
Total.....number..	19,023	7,418	2,102	4,028	1,300	4,175	-	(D)
Man-hours.....1,000..	35,826	14,115	3,891	7,582	2,446	7,792	-	(D)
Wages.....\$1,000..	56,439	24,054	6,057	11,559	3,305	11,464	-	(D)
Value added, adjusted.....do....	131,995	56,654	18,157	24,550	6,518	26,116	-	(D)
Value of shipments.....do....	312,987	110,849	59,859	57,612	15,406	69,261	-	(D)
INDUSTRY 2392.--HOUSEFURNISHINGS, N.E.C.								
Companies.....number..	1,205	1,020	86	59	18	10	3	9
Establishments.....do....	1,239	1,025	91	65	27	14	4	13
All employees:								
Total.....do.....	39,690	11,510	5,793	8,571	4,830	4,391	(D)	4,595
Payroll.....\$1,000..	142,820	42,686	20,782	29,875	17,352	15,669	(D)	16,456
Production workers:								
Total.....number..	33,637	9,712	4,966	7,213	4,015	3,777	(D)	3,954
Man-hours.....1,000..	63,931	18,660	9,557	13,557	7,466	6,854	(D)	7,837
Wages.....\$1,000..	102,676	30,991	15,075	20,665	11,825	11,469	(D)	12,651
Value added, adjusted.....do....	285,759	90,482	41,602	59,774	33,274	30,225	(D)	30,402
Value of shipments.....do....	716,650	202,726	101,111	119,138	81,567	81,498	(D)	130,610
INDUSTRY 2393.--TEXTILE BAGS								
Companies.....number..	175	136	20	8	-	2	3	6
Establishments.....do....	192	136	22	9	-	2	11	12
All employees:								
Total.....do.....	7,191	1,743	1,367	2,545	-	(D)	(D)	1,536
Payroll.....\$1,000..	28,254	6,489	5,338	10,042	-	(D)	(D)	6,385
Production workers:								
Total.....number..	6,125	1,468	1,192	2,218	-	(D)	(D)	1,247
Man-hours.....1,000..	11,906	2,714	2,256	4,377	-	(D)	(D)	2,559
Wages.....\$1,000..	20,681	4,591	3,837	7,510	-	(D)	(D)	4,743
Value added, adjusted.....do....	56,523	14,711	9,975	17,710	-	(D)	(D)	14,127
Value of shipments.....do....	200,426	42,295	36,120	68,723	-	(D)	(D)	53,288

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2394.--CANVAS PRODUCTS								
Companies.....number..	869	822	31	11	2	1	1	1
Establishments.....do....	881	824	32	18	4	1	1	1
All employees:								
Total.....do.....	11,170	5,928	2,112	1,722	<u>1,408</u>	(D)	(D)	(D)
Payroll.....\$1,000..	44,550	24,069	8,394	6,343	<u>5,744</u>	(D)	(D)	(D)
Production workers:								
Total.....number..	8,964	4,606	1,755	1,456	<u>1,147</u>	(D)	(D)	(D)
Man-hours.....1,000..	17,587	8,999	3,442	2,702	<u>2,444</u>	(D)	(D)	(D)
Wages.....\$1,000..	30,576	16,503	5,585	4,625	<u>3,863</u>	(D)	(D)	(D)
Value added, adjusted.....do....	73,534	41,834	12,967	9,216	<u>9,517</u>	(D)	(D)	(D)
Value of shipments.....do....	166,402	84,898	31,572	22,297	<u>27,635</u>	(D)	(D)	(D)
INDUSTRY 2395.--PLEATING AND STITCHING								
Companies.....number..	1,315	1,256	42	10	2	2	2	1
Establishments.....do....	1,316	1,256	43	10	2	2	2	1
All employees:								
Total.....do.....	16,353	11,724	2,680	<u>1,949</u>	(D)	(D)	(D)	(D)
Payroll.....\$1,000..	55,528	39,782	9,490	<u>6,256</u>	(D)	(D)	(D)	(D)
Production workers:								
Total.....number..	14,679	10,519	2,412	<u>1,748</u>	(D)	(D)	(D)	(D)
Man-hours.....1,000..	27,975	20,111	4,492	<u>3,372</u>	(D)	(D)	(D)	(D)
Wages.....\$1,000..	46,349	33,768	7,653	<u>4,928</u>	(D)	(D)	(D)	(D)
Value added, adjusted.....do....	95,240	70,904	14,892	<u>9,444</u>	(D)	(D)	(D)	(D)
Value of shipments.....do....	150,183	108,795	24,007	<u>17,381</u>	(D)	(D)	(D)	(D)
INDUSTRY 2396.--APPAREL FINDINGS								
Companies.....number..	746	664	43	24	3	2	4	6
Establishments.....do....	756	665	45	28	5	2	4	7
All employees:								
Total.....do.....	24,539	7,266	2,866	2,974	<u>1,095</u>	(D)	<u>10,338</u>	(D)
Payroll.....\$1,000..	122,623	29,180	10,204	10,696	<u>4,631</u>	(D)	<u>67,912</u>	(D)
Production workers:								
Total.....number..	20,813	6,147	2,452	2,454	970	(D)	8,790	(D)
Man-hours.....1,000..	40,073	10,852	4,450	4,531	<u>1,883</u>	(D)	<u>18,357</u>	(D)
Wages.....\$1,000..	94,156	21,562	7,054	7,876	<u>3,511</u>	(D)	<u>54,153</u>	(D)
Value added, adjusted.....do....	227,810	52,898	18,447	20,520	<u>12,407</u>	(D)	<u>123,538</u>	(D)
Value of shipments.....do....	570,616	111,395	45,135	46,358	<u>25,732</u>	(D)	<u>341,996</u>	(D)
INDUSTRY 2397.--SCHIFFLI MACHINE EMBROIDERIES								
Companies.....number..	755	739	9	3	3	1	-	-
Establishments.....do....	759	739	12	3	4	1	-	-
All employees:								
Total.....do.....	6,145	4,642	641	266	<u>596</u>	(D)	-	-
Payroll.....\$1,000..	30,517	24,155	3,135	896	<u>2,331</u>	(D)	-	-
Production workers:								
Total.....number..	5,529	4,190	548	253	<u>538</u>	(D)	-	-
Man-hours.....1,000..	11,854	9,214	1,148	407	<u>1,085</u>	(D)	-	-
Wages.....\$1,000..	25,957	21,145	2,149	782	<u>1,881</u>	(D)	-	-
Value added, adjusted.....do....	55,411	43,536	5,814	1,777	<u>4,284</u>	(D)	-	-
Value of shipments.....do....	97,406	76,903	11,624	2,886	<u>5,993</u>	(D)	-	-
INDUSTRY 2399.--TEXTILE PRODUCTS, N.E.C.								
Companies.....number..	1,027	930	45	23	10	9	3	7
Establishments.....do....	1,044	930	45	23	15	19	3	9
All employees:								
Total.....do.....	21,350	8,368	2,948	2,978	2,223	2,487	649	1,697
Payroll.....\$1,000..	79,252	31,370	9,958	12,221	8,170	8,652	3,034	5,847
Production workers:								
Total.....number..	17,880	6,889	2,495	2,373	1,893	2,196	552	1,482
Man-hours.....1,000..	34,384	12,737	4,428	4,804	3,631	4,587	1,098	3,099
Wages.....\$1,000..	56,980	22,014	7,212	8,178	5,612	6,911	2,288	4,765
Value added, adjusted.....do....	145,153	55,067	18,824	19,542	15,075	16,059	8,156	12,430
Value of shipments.....do....	342,311	118,230	42,951	44,140	33,884	39,426	20,716	42,964

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
MAJOR GROUP 24.--LUMBER AND WOOD PRODUCTS								
Companies.....number..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Establishments.....do....	36,150	33,020	1,309	750	297	149	192	433
All employees:								
Total.....do....	563,135	225,516	81,359	79,922	46,506	24,183	23,304	82,345
Payroll.....\$1,000..	2,338,733	790,980	331,724	356,510	224,824	112,653	111,948	410,094
Production workers:								
Total.....number..	497,409	197,555	72,018	71,650	41,716	21,301	20,219	72,950
Man-hours.....1,000..	978,665	372,186	143,992	145,551	86,950	43,526	40,633	145,827
Wages.....\$1,000..	1,943,287	664,057	271,135	293,403	188,053	91,843	88,755	346,041
Value added, adjusted.....do....	4,020,600	1,417,024	566,927	601,637	366,323	195,850	206,765	666,074
Value of shipments ⁴do....	9,200,039	3,089,041	1,296,982	1,418,744	844,249	438,384	453,995	1,658,644
INDUSTRY 2411.--LOGGING CAMPS AND CONTRACTORS								
Companies.....number..	13,522	13,392	73	19	11	5	5	17
Establishments.....do....	13,588	13,395	77	22	17	6	13	58
All employees:								
Total.....do....	73,130	57,774	4,480	1,954	844	(D)	400	7,678
Payroll.....\$1,000..	281,845	197,992	23,076	9,930	4,776	(D)	1,785	44,286
Production workers:								
Total.....number..	65,790	52,258	4,044	1,803	733	(D)	348	6,604
Man-hours.....1,000..	122,505	97,115	7,786	3,361	1,379	(D)	598	12,266
Wages.....\$1,000..	254,122	182,304	21,293	9,048	4,053	(D)	1,379	36,045
Value added, adjusted.....do....	520,457	389,741	36,586	14,147	8,692	(D)	5,000	66,291
Value of shipments.....do....	1,154,693	753,873	64,088	36,733	24,991	(D)	15,645	259,363
INDUSTRY 2421.--SAWMILLS AND PLANING MILLS								
Companies.....number..	11,931	11,156	457	192	66	21	14	25
Establishments.....do....	12,189	11,175	482	238	112	37	25	120
All employees:								
Total.....do....	207,365	87,282	29,948	25,367	17,321	7,506	7,898	32,043
Payroll.....\$1,000..	811,638	257,373	116,657	117,165	82,911	35,713	41,120	160,699
Production workers:								
Total.....number..	186,616	77,705	27,338	23,256	15,887	6,697	6,892	28,841
Man-hours.....1,000..	364,250	143,545	54,395	46,957	34,195	14,103	14,058	56,997
Wages.....\$1,000..	701,691	224,889	101,834	101,236	71,799	29,716	33,836	138,381
Value added, adjusted.....do....	1,376,080	457,832	205,139	207,492	134,921	52,488	70,680	247,528
Value of shipments.....do....	3,156,345	1,064,776	493,329	489,940	304,354	111,175	130,606	562,165
INDUSTRY 2426.--HARDWOOD DIMENSION AND FLOORING								
Companies.....number..	601	416	96	54	17	5	3	10
Establishments.....do....	642	420	97	65	27	11	4	18
All employees:								
Total.....do....	28,128	5,649	6,092	6,920	3,637	1,053	319	4,458
Payroll.....\$1,000..	98,882	19,097	21,277	24,084	13,570	3,634	1,215	16,005
Production workers:								
Total.....number..	25,433	5,023	5,426	6,395	3,246	922	297	4,124
Man-hours.....1,000..	52,944	9,996	11,240	13,646	6,782	1,794	463	9,023
Wages.....\$1,000..	81,735	15,820	17,122	20,223	10,775	2,729	1,052	14,014
Value added, adjusted.....do....	155,083	29,433	32,718	35,056	23,151	5,743	2,220	26,762
Value of shipments.....do....	345,227	63,605	71,718	83,498	49,980	12,668	3,661	60,097
INDUSTRY 2429.--SPECIAL PRODUCT SAWMILLS, N.E.C.								
Companies.....number..	476	436	22	10	-	1	3	4
Establishments.....do....	541	449	31	25	-	12	14	10
All employees:								
Total.....do....	7,164	3,747	1,179	1,464	-	(D)	390	384
Payroll.....\$1,000..	25,223	11,872	4,261	6,610	-	(D)	1,213	1,267
Production workers:								
Total.....number..	6,591	3,418	1,094	1,364	-	(D)	371	344
Man-hours.....1,000..	11,122	5,752	1,794	2,268	-	(D)	740	568
Wages.....\$1,000..	22,403	10,576	3,823	5,919	-	(D)	1,075	1,010
Value added, adjusted.....do....	41,355	21,673	6,850	9,541	-	(D)	1,886	1,405
Value of shipments.....do....	96,032	48,234	14,965	21,491	-	(D)	3,659	7,683

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2431.--MILLWORK PLANTS								
Companies.....number..	3,730	3,438	163	83	19	11	4	12
Establishments.....do....	3,770	3,442	165	101	22	16	6	18
All employees:								
Total.....do.....	65,283	28,009	10,853	11,282	5,460	4,532	1,409	3,738
Payroll.....\$1,000..	320,817	141,173	54,128	54,695	23,490	21,071	9,514	16,746
Production workers:								
Total.....number..	53,519	22,132	8,735	9,567	4,697	3,969	1,021	3,398
Man-hours.....1,000..	106,215	43,889	17,308	19,600	8,769	8,070	1,898	6,681
Wages.....\$1,000..	240,702	103,636	38,980	41,878	18,569	17,266	6,031	14,342
Value added, adjusted.....do....	524,041	232,041	87,452	84,908	36,600	36,184	20,011	26,845
Value of shipments.....do....	1,270,613	530,155	218,836	237,737	790,068	95,677	44,382	64,758
INDUSTRY 2432.--VENEER AND PLYWOOD PLANTS								
Companies.....number..	532	237	121	99	34	15	13	13
Establishments.....do....	641	239	123	111	48	24	20	76
All employees:								
Total.....do.....	66,155	4,776	8,673	14,915	10,235	4,773	3,947	18,836
Payroll.....\$1,000..	324,746	17,369	34,685	71,898	58,696	25,916	18,902	97,280
Production workers:								
Total.....number..	60,455	4,346	7,972	13,805	9,579	4,331	3,589	16,833
Man-hours.....1,000..	124,900	8,484	16,819	29,190	20,791	8,967	7,073	33,576
Wages.....\$1,000..	281,321	14,688	28,913	62,255	52,958	22,200	16,446	83,861
Value added, adjusted.....do....	559,211	30,954	64,129	123,089	92,203	52,883	36,784	159,169
Value of shipments.....do....	1,339,630	76,762	153,511	284,070	226,814	115,050	82,051	401,372
INDUSTRY 2433.--PREFABRICATED WOOD PRODUCTS								
Companies.....number..	528	450	47	16	5	1	2	7
Establishments.....do....	559	452	48	22	9	2	8	18
All employees:								
Total.....do.....	15,806	5,647	2,902	2,049	1,202	<u>2,602</u>	(D)	1,404
Payroll.....\$1,000..	81,079	27,783	14,429	11,111	7,177	<u>13,459</u>	(D)	7,120
Production workers:								
Total.....number..	11,595	4,284	2,164	1,343	861	<u>1,953</u>	(D)	990
Man-hours.....1,000..	22,485	8,347	4,282	2,477	1,742	<u>3,760</u>	(D)	1,877
Wages.....\$1,000..	50,174	18,483	9,240	5,324	4,427	<u>8,262</u>	(D)	4,438
Value added, adjusted.....do....	156,593	52,067	30,513	23,352	11,362	<u>28,735</u>	(D)	10,564
Value of shipments.....do....	403,309	137,657	67,150	59,066	32,692	<u>79,534</u>	(D)	27,210
INDUSTRY 2441.--NAILED WOODEN BOXES AND SHOOK								
Companies.....number..	637	556	46	23	5	1	2	4
Establishments.....do....	663	557	46	31	5	1	5	18
All employees:								
Total.....do.....	14,483	5,605	3,130	2,512	<u>1,115</u>	(D)	<u>2,121</u>	(D)
Payroll.....\$1,000..	55,858	20,640	11,142	9,470	<u>4,538</u>	(D)	<u>10,068</u>	(D)
Production workers:								
Total.....number..	12,934	4,927	2,777	2,299	<u>1,037</u>	(D)	<u>1,894</u>	(D)
Man-hours.....1,000..	26,277	9,729	5,544	4,776	<u>2,014</u>	(D)	<u>4,214</u>	(D)
Wages.....\$1,000..	45,944	16,641	8,895	8,011	<u>3,812</u>	(D)	<u>8,585</u>	(D)
Value added, adjusted.....do....	85,046	36,142	15,904	13,209	<u>6,521</u>	(D)	<u>13,270</u>	(D)
Value of shipments.....do....	206,020	76,448	37,312	30,699	<u>13,235</u>	(D)	<u>48,326</u>	(D)
INDUSTRY 2442.--WIREBOUND BOXES AND CRATES								
Companies.....number..	100	57	10	18	3	3	5	4
Establishments.....do....	117	57	10	19	3	4	20	4
All employees:								
Total.....do.....	9,893	576	699	2,733	<u>1,939</u>	(D)	3,083	863
Payroll.....\$1,000..	32,717	2,317	2,296	8,492	<u>6,135</u>	(D)	10,610	2,867
Production workers:								
Total.....number..	9,012	506	616	2,564	<u>1,817</u>	(D)	2,753	756
Man-hours.....1,000..	17,697	954	1,222	4,914	<u>3,216</u>	(D)	5,721	1,670
Wages.....\$1,000..	26,669	1,667	1,810	7,208	<u>5,142</u>	(D)	8,549	2,293
Value added, adjusted.....do....	55,606	3,827	3,808	14,868	<u>10,389</u>	(D)	18,446	4,268
Value of shipments.....do....	114,669	7,432	8,608	28,429	<u>19,506</u>	(D)	41,314	9,380

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2443.--VENEER AND PLYWOOD CONTAINERS								
Companies.....number..	93	66	17	6	1	-	2	1
Establishments.....do....	99	66	18	6	1	-	7	1
All employees:								
Total.....do....	3,953	787	1,077	<u>2,089</u>	(D)	-	(D)	(D)
Payroll.....\$1,000..	11,649	2,366	3,210	<u>6,073</u>	(D)	-	(D)	(D)
Production workers:								
Total.....number..	3,682	715	1,002	<u>1,965</u>	(D)	-	(D)	(D)
Man-hours.....1,000..	6,974	1,354	1,919	<u>3,701</u>	(D)	-	(D)	(D)
Wages.....\$1,000..	9,889	1,986	2,709	<u>5,194</u>	(D)	-	(D)	(D)
Value added, adjusted.....do....	16,086	3,410	4,446	<u>8,230</u>	(D)	-	(D)	(D)
Value of shipments.....do....	27,923	6,171	7,847	<u>13,905</u>	(D)	-	(D)	(D)
INDUSTRY 2445.--COOPERAGE								
Companies.....number..	71	55	4	2	1	1	4	4
Establishments.....do....	107	56	13	2	1	1	29	5
All employees:								
Total.....do....	2,616	463	876	(D)	(D)	(D)	531	746
Payroll.....\$1,000..	11,580	1,521	<u>3,273</u>	(D)	(D)	(D)	2,871	3,915
Production workers:								
Total.....number..	2,320	403	<u>775</u>	(D)	(D)	(D)	497	645
Man-hours.....1,000..	4,385	809	<u>1,373</u>	(D)	(D)	(D)	1,011	1,192
Wages.....\$1,000..	9,585	1,251	<u>2,604</u>	(D)	(D)	(D)	2,597	3,133
Value added, adjusted.....do....	17,494	2,577	<u>5,088</u>	(D)	(D)	(D)	4,429	5,400
Value of shipments.....do....	52,917	6,412	<u>12,691</u>	(D)	(D)	(D)	13,754	20,060
INDUSTRY 2491.--WOOD PRESERVING								
Companies.....number..	250	193	19	15	7	4	3	9
Establishments.....do....	338	193	23	24	20	15	13	50
All employees:								
Total.....do....	11,178	2,160	<u>2,844</u>	(D)	1,657	<u>1,682</u>	(D)	2,835
Payroll.....\$1,000..	45,257	7,966	<u>12,390</u>	(D)	6,971	<u>6,707</u>	(D)	11,223
Production workers:								
Total.....number..	9,468	1,809	<u>2,396</u>	(D)	1,350	<u>1,434</u>	(D)	2,479
Man-hours.....1,000..	19,373	3,587	<u>5,058</u>	(D)	2,821	<u>2,886</u>	(D)	5,021
Wages.....\$1,000..	34,741	5,905	<u>9,287</u>	(D)	5,255	<u>5,082</u>	(D)	9,212
Value added, adjusted.....do....	93,265	16,079	<u>23,920</u>	(D)	12,644	<u>15,549</u>	(D)	25,073
Value of shipments.....do....	247,294	41,762	<u>61,510</u>	(D)	34,277	<u>44,350</u>	(D)	65,395
INDUSTRY 2499.--WOOD PRODUCTS, N.E.C.								
Companies.....number..	2,818	2,509	170	68	25	9	14	23
Establishments.....do....	2,896	2,519	176	84	32	20	28	37
All employees:								
Total.....do....	57,981	23,041	10,787	8,631	3,989	2,572	1,096	7,865
Payroll.....\$1,000..	237,442	83,511	40,298	35,191	19,849	12,070	5,143	41,380
Production workers:								
Total.....number..	49,994	20,029	9,536	7,467	3,322	2,119	946	6,575
Man-hours.....1,000..	99,538	38,625	18,931	14,781	6,948	4,258	1,895	14,100
Wages.....\$1,000..	184,311	66,211	31,748	26,498	14,159	8,600	4,163	32,932
Value added, adjusted.....do....	420,283	141,248	69,135	58,903	35,917	19,837	10,973	84,270
Value of shipments.....do....	785,367	275,754	130,130	109,495	70,562	35,181	22,820	141,425
MAJOR GROUP 25.--FURNITURE AND FIXTURES								
Companies.....number..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Establishments.....do....	10,478	8,616	723	529	230	140	135	105
All employees:								
Total.....do....	376,548	87,804	48,281	69,358	47,312	36,828	43,021	43,944
Payroll.....\$1,000..	1,726,707	404,801	227,909	310,054	206,940	161,301	209,707	205,995
Production workers:								
Total.....number..	314,762	72,183	40,073	58,129	39,950	31,632	35,548	37,247
Man-hours.....1,000..	639,698	143,687	81,054	116,741	81,219	66,584	73,283	77,130
Wages.....\$1,000..	1,289,989	305,060	165,227	227,179	151,770	123,297	155,965	161,491
Value added, adjusted.....do....	3,068,287	689,575	384,525	534,457	367,259	284,894	413,625	393,952
Value of shipments.....do....	5,884,064	1,356,571	753,272	1,041,719	712,975	555,740	753,557	710,230

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2511.--WOOD FURNITURE, NOT UPHOLSTERED								
Companies.....number..	2,937	2,410	202	183	60	41	23	18
Establishments.....do....	3,063	2,412	207	200	80	76	49	39
All employees:								
Total.....do....	140,982	22,235	14,105	28,277	18,710	20,230	16,322	21,103
Payroll.....\$1,000..	574,614	92,107	60,121	114,712	73,233	82,747	66,383	85,311
Production workers:								
Total.....number..	124,699	19,075	12,088	24,659	16,339	18,359	14,727	19,452
Man-hours.....1,000..	259,292	38,029	24,987	50,222	33,324	39,407	31,327	41,996
Wages.....\$1,000..	462,689	74,049	46,409	89,353	56,261	68,156	53,663	74,798
Value added, adjusted.....do....	993,200	156,682	98,609	192,323	126,674	137,206	120,199	161,507
Value of shipments.....do....	1,857,992	296,186	186,017	356,874	242,703	267,975	221,946	286,291
INDUSTRY 2512.--WOOD FURNITURE, UPHOLSTERED								
Companies.....number..	1,729	1,426	152	95	35	10	6	5
Establishments.....do....	1,785	1,429	156	102	43	22	19	14
All employees:								
Total.....do....	67,850	18,719	10,229	13,069	10,009	5,283	5,897	4,644
Payroll.....\$1,000..	291,587	79,875	45,242	54,646	42,705	23,018	23,975	22,126
Production workers:								
Total.....number..	57,852	15,957	8,679	11,177	8,641	4,382	4,849	4,167
Man-hours.....1,000..	113,238	30,536	16,563	21,536	17,545	9,016	10,232	7,810
Wages.....\$1,000..	225,565	62,459	34,403	41,505	32,654	17,031	18,976	18,537
Value added, adjusted.....do....	506,727	128,052	74,967	96,125	74,590	44,088	43,813	45,092
Value of shipments.....do....	983,204	251,024	142,307	191,061	145,802	83,220	88,006	81,784
INDUSTRY 2514.--METAL HOUSEHOLD FURNITURE								
Companies.....number..	508	361	61	47	22	4	7	6
Establishments.....do....	517	361	63	48	24	4	9	8
All employees:								
Total.....do....	29,346	4,623	4,186	7,177	6,419	1,068	2,402	3,471
Payroll.....\$1,000..	128,819	19,055	18,384	30,783	28,165	2,914	12,148	17,370
Production workers:								
Total.....number..	24,322	3,788	3,534	6,045	5,415	951	1,976	2,613
Man-hours.....1,000..	47,908	7,462	7,173	11,937	10,404	1,823	3,753	5,356
Wages.....\$1,000..	91,987	14,143	13,517	21,582	20,511	2,374	8,349	11,511
Value added, adjusted.....do....	247,003	38,451	33,493	57,590	51,691	5,880	26,172	33,726
Value of shipments.....do....	524,305	78,480	77,489	128,525	110,369	15,650	50,291	63,501
INDUSTRY 2515.--MATTRESSES AND BEDSPRINGS								
Companies.....number..	1,066	942	73	33	10	5	1	2
Establishments.....do....	1,120	944	75	51	17	9	12	12
All employees:								
Total.....do....	30,061	10,015	4,828	4,707	2,054	8,457	(D)	(D)
Payroll.....\$1,000..	146,287	43,165	23,729	23,198	9,906	46,289	(D)	(D)
Production workers:								
Total.....number..	22,993	7,779	3,789	3,567	1,524	6,334	(D)	(D)
Man-hours.....1,000..	45,765	15,198	7,349	6,752	3,389	13,077	(D)	(D)
Wages.....\$1,000..	94,589	28,759	14,422	13,528	5,689	32,191	(D)	(D)
Value added, adjusted.....do....	285,510	83,336	46,747	47,622	17,674	90,131	(D)	(D)
Value of shipments.....do....	641,008	202,620	106,766	108,569	42,804	180,249	(D)	(D)
INDUSTRY 2519.--HOUSEHOLD FURNITURE, N.E.C.								
Companies.....number..	72	58	6	6	1	-	-	1
Establishments.....do....	75	60	7	6	1	-	-	1
All employees:								
Total.....do....	2,054	724	361	969	(D)	-	-	(D)
Payroll.....\$1,000..	8,384	3,195	1,329	3,860	(D)	-	-	(D)
Production workers:								
Total.....number..	1,742	622	307	813	(D)	-	-	(D)
Man-hours.....1,000..	3,398	1,261	629	1,508	(D)	-	-	(D)
Wages.....\$1,000..	5,859	2,457	993	2,409	(D)	-	-	(D)
Value added, adjusted.....do....	15,054	5,216	1,785	8,053	(D)	-	-	(D)
Value of shipments.....do....	28,937	11,130	3,947	13,860	(D)	-	-	(D)

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² —						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2521.--WOOD OFFICE FURNITURE								
Companies.....number..	131	98	10	14	6	1	1	1
Establishments.....do....	138	99	10	16	10	1	1	1
All employees:								
Total.....do.....	6,516	1,035	587	2,011	2,883	(D)	(D)	(D)
Payroll.....\$1,000..	30,560	5,272	3,210	9,256	12,822	(D)	(D)	(D)
Production workers:								
Total.....number..	5,622	881	469	1,738	2,534	(D)	(D)	(D)
Man-hours.....1,000..	11,815	1,786	966	3,643	5,420	(D)	(D)	(D)
Wages.....\$1,000..	23,666	4,217	2,290	7,184	9,975	(D)	(D)	(D)
Value added, adjusted.....do....	57,018	8,296	5,332	17,115	26,275	(D)	(D)	(D)
Value of shipments.....do....	101,514	15,062	8,976	30,683	46,793	(D)	(D)	(D)
INDUSTRY 2522.--METAL OFFICE FURNITURE								
Companies.....number..	153	92	22	14	4	7	9	5
Establishments.....do....	170	92	22	15	4	9	21	7
All employees:								
Total.....do.....	19,928	1,309	1,598	3,312	(D)	2,606	8,392	2,711
Payroll.....\$1,000..	112,080	5,977	7,802	17,430	(D)	13,820	51,053	15,998
Production workers:								
Total.....number..	15,752	1,068	1,302	2,585	(D)	2,048	6,757	1,992
Man-hours.....1,000..	31,531	1,992	2,532	5,198	(D)	4,286	13,302	4,221
Wages.....\$1,000..	81,427	4,505	5,409	12,044	(D)	9,631	38,620	11,218
Value added, adjusted.....do....	228,329	11,371	15,238	30,862	(D)	34,116	108,037	28,705
Value of shipments.....do....	389,965	19,768	26,231	56,734	(D)	54,240	183,368	49,624
INDUSTRY 2531.--PUBLIC BUILDING FURNITURE								
Companies.....number..	424	344	36	27	3	7	2	5
Establishments.....do....	429	344	36	28	3	9	4	5
All employees:								
Total.....do.....	16,949	4,146	2,483	3,305	680	4,386	(D)	1,949
Payroll.....\$1,000..	83,373	19,162	11,301	15,585	4,673	22,926	(D)	9,726
Production workers:								
Total.....number..	13,257	3,394	2,011	2,621	477	3,346	(D)	1,408
Man-hours.....1,000..	26,817	6,808	4,095	5,342	971	6,674	(D)	2,927
Wages.....\$1,000..	57,435	14,376	7,969	10,999	2,536	15,541	(D)	6,014
Value added, adjusted.....do....	141,756	31,815	18,114	25,822	8,081	39,918	(D)	18,006
Value of shipments.....do....	268,563	60,842	36,236	51,104	12,651	76,148	(D)	31,582
INDUSTRY 2541.--WOOD PARTITIONS AND FIXTURES								
Companies.....number..	1,588	1,475	78	22	5	1	2	5
Establishments.....do....	1,594	1,478	78	23	6	1	2	6
All employees:								
Total.....do.....	24,343	14,067	5,263	3,293	1,287	(D)	(D)	433
Payroll.....\$1,000..	142,521	81,505	31,675	19,967	7,436	(D)	(D)	1,938
Production workers:								
Total.....number..	19,446	11,352	4,167	2,508	1,040	(D)	(D)	379
Man-hours.....1,000..	40,037	22,944	8,749	5,446	2,130	(D)	(D)	768
Wages.....\$1,000..	106,292	61,603	22,427	15,224	5,556	(D)	(D)	1,482
Value added, adjusted.....do....	219,194	130,287	47,561	26,984	10,544	(D)	(D)	3,818
Value of shipments.....do....	389,609	233,358	84,728	46,038	18,085	(D)	(D)	7,400
INDUSTRY 2542.--PARTITIONS AND FIXTURES								
Companies.....number..	502	406	43	25	9	3	9	7
Establishments.....do....	513	407	43	26	14	3	11	9
All employees:								
Total.....do.....	20,290	4,203	2,899	3,270	1,842	1,424	3,363	3,289
Payroll.....\$1,000..	119,301	23,505	16,740	19,615	11,220	8,979	19,233	20,009
Production workers:								
Total.....number..	14,926	3,346	2,292	2,324	1,359	1,016	2,227	2,362
Man-hours.....1,000..	31,673	7,685	5,084	4,807	2,999	2,210	4,375	4,513
Wages.....\$1,000..	79,160	17,213	11,536	11,916	7,520	5,554	11,989	13,432
Value added, adjusted.....do....	214,301	39,489	28,806	32,119	22,724	13,719	44,444	33,000
Value of shipments.....do....	377,843	72,975	52,684	58,571	37,278	22,178	69,868	64,289

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² —						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2591.--VENETIAN BLINDS AND SHADES								
Companies.....number..	695	673	3	5	7	3	3	1
Establishments.....do....	718	676	3	6	21	5	5	2
All employees:								
Total.....do.....	10,689	3,538	234	438	1,493	4,986	(D)	(D)
Payroll.....\$1,000..	49,590	14,622	1,377	2,278	7,092	24,221	(D)	(D)
Production workers:								
Total.....number..	7,980	2,372	171	310	1,169	3,958	(D)	(D)
Man-hours.....1,000..	15,781	4,743	338	644	2,253	7,803	(D)	(D)
Wages.....\$1,000..	32,511	8,786	709	1,487	5,020	16,509	(D)	(D)
Value added, adjusted.....do....	94,324	26,255	2,469	4,041	14,877	46,682	(D)	(D)
Value of shipments.....do....	199,552	58,410	4,011	8,941	33,082	95,108	(D)	(D)
INDUSTRY 2599.--FURNITURE AND FIXTURES, N.E.C.								
Companies.....number..	354	314	23	8	5	1	2	1
Establishments.....do....	356	314	23	8	7	1	2	1
All employees:								
Total.....do.....	7,540	3,190	1,508	876	1,966	(D)	(D)	(D)
Payroll.....\$1,000..	39,591	17,361	6,999	5,149	10,082	(D)	(D)	(D)
Production workers:								
Total.....number..	6,171	2,549	1,264	776	1,582	(D)	(D)	(D)
Man-hours.....1,000..	12,443	5,243	2,589	1,556	3,055	(D)	(D)	(D)
Wages.....\$1,000..	28,809	12,493	5,143	4,100	7,073	(D)	(D)	(D)
Value added, adjusted.....do....	65,871	30,325	11,404	7,843	16,299	(D)	(D)	(D)
Value of shipments.....do....	121,572	56,716	23,880	13,018	27,958	(D)	(D)	(D)
MAJOR GROUP 26.--PAPER AND ALLIED PRODUCTS								
Companies.....number..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Establishments.....do....	5,713	2,813	472	433	213	240	237	1,305
All employees:								
Total.....do.....	588,014	40,981	30,535	52,637	29,976	43,111	42,332	348,442
Payroll.....\$1,000..	3,508,185	195,545	153,672	283,667	182,369	262,066	256,818	2,174,048
Production workers:								
Total.....number..	467,795	32,865	24,795	42,245	23,337	34,219	33,958	276,376
Man-hours.....1,000..	988,582	65,402	50,466	87,787	50,276	74,183	73,391	587,077
Wages.....\$1,000..	2,551,148	132,833	104,196	192,888	122,963	188,008	190,594	1,619,666
Value added, adjusted.....do....	7,395,677	372,928	269,708	523,287	330,306	541,340	577,536	4,780,572
Value of shipments ⁴do....	16,357,102	795,815	554,505	1,086,638	751,338	1,204,712	1,238,387	10,725,707
INDUSTRY 2611.--PULP MILLS								
Companies.....number..	34	5	2	-	5	5	3	14
Establishments.....do....	45	5	2	-	5	5	3	25
All employees:								
Total.....do.....	15,123	255	(D)	-	990	3,077	(D)	10,801
Payroll.....\$1,000..	107,359	1,534	(D)	-	7,576	22,041	(D)	76,208
Production workers:								
Total.....number..	12,242	220	(D)	-	742	2,370	(D)	8,910
Man-hours.....1,000..	25,156	497	(D)	-	1,574	4,885	(D)	18,200
Wages.....\$1,000..	81,018	1,224	(D)	-	5,250	16,520	(D)	58,024
Value added, adjusted.....do....	295,804	3,119	(D)	-	16,581	60,051	(D)	216,053
Value of shipments.....do....	609,050	6,664	(D)	-	33,675	129,112	(D)	439,599
INDUSTRY 2621.--PAPER MILLS, EXCEPT BUILDING								
Companies.....number..	186	26	19	32	24	27	15	43
Establishments.....do....	325	26	19	34	31	39	20	156
All employees:								
Total.....do.....	129,848	663	1,366	4,208	5,975	12,539	11,533	93,564
Payroll.....\$1,000..	877,942	3,670	7,842	27,141	40,066	86,799	77,962	634,462
Production workers:								
Total.....number..	105,636	559	1,105	3,436	4,780	10,285	9,343	76,128
Man-hours.....1,000..	234,596	1,262	2,462	7,895	11,024	23,771	20,792	167,390
Wages.....\$1,000..	682,034	2,746	5,695	19,897	29,368	66,163	59,899	498,266
Value added, adjusted.....do....	1,857,203	6,611	14,278	55,520	76,345	171,381	156,353	1,376,715
Value of shipments.....do....	3,824,915	14,590	29,377	112,478	168,652	378,778	322,614	2,798,426

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2631.--PAPERBOARD MILLS								
Companies.....number..	146	28	10	25	19	11	12	41
Establishments.....do....	271	28	10	31	20	15	27	140
All employees:								
Total.....do....	63,398	929	627	3,722	2,050	3,768	6,238	46,064
Payroll.....\$1,000..	429,017	5,166	4,096	22,414	14,267	24,972	43,655	314,447
Production workers:								
Total.....number..	51,334	765	511	2,967	1,635	2,775	5,176	37,505
Man-hours.....1,000..	113,145	1,693	1,241	6,612	3,997	6,600	11,889	81,113
Wages.....\$1,000..	326,960	3,826	3,023	16,217	10,579	17,019	34,811	241,485
Value added, adjusted.....do....	1,186,224	10,607	7,582	46,532	25,099	50,103	147,084	899,217
Value of shipments.....do....	2,315,954	20,349	16,832	98,176	52,888	97,775	272,988	1,756,946
INDUSTRY 2641.--PAPER COATING AND GLAZING								
Companies.....number..	323	222	20	21	9	11	10	30
Establishments.....do....	387	227	20	23	14	17	16	70
All employees:								
Total.....do....	31,983	2,751	1,383	2,310	1,534	3,760	3,965	16,280
Payroll.....\$1,000..	200,794	15,597	8,152	13,864	10,136	24,354	21,986	106,705
Production workers:								
Total.....number..	23,262	2,073	1,006	1,732	1,039	2,837	2,929	11,646
Man-hours.....1,000..	49,931	4,203	2,041	3,681	2,260	6,154	6,437	25,155
Wages.....\$1,000..	130,287	9,775	4,646	8,728	5,593	16,402	15,467	69,676
Value added, adjusted.....do....	457,367	34,960	17,650	23,979	15,947	49,106	44,624	271,101
Value of shipments.....do....	1,161,604	75,833	44,373	64,628	49,429	112,127	110,025	705,189
INDUSTRY 2642.--ENVELOPES								
Companies.....number..	180	91	33	34	7	2	3	10
Establishments.....do....	230	92	33	42	10	6	10	37
All employees:								
Total.....do....	20,728	1,548	2,235	5,540	3,934	(D)	(D)	7,471
Payroll.....\$1,000..	114,860	7,810	11,980	30,865	23,427	(D)	(D)	40,778
Production workers:								
Total.....number..	16,447	1,245	1,808	4,490	2,995	(D)	(D)	5,909
Man-hours.....1,000..	34,211	2,512	3,683	9,301	6,323	(D)	(D)	12,392
Wages.....\$1,000..	78,582	5,405	8,284	21,118	14,774	(D)	(D)	29,001
Value added, adjusted.....do....	188,963	13,034	20,890	50,146	39,663	(D)	(D)	65,230
Value of shipments.....do....	363,250	25,469	39,202	89,876	69,860	(D)	(D)	138,843
INDUSTRY 2643.--BAGS, EXCEPT TEXTILE BAGS								
Companies.....number..	495	364	39	35	12	13	5	27
Establishments.....do....	586	367	41	38	16	22	10	92
All employees:								
Total.....do....	42,343	4,671	2,544	4,689	2,770	3,729	1,880	22,060
Payroll.....\$1,000..	219,137	22,057	11,871	21,772	14,279	21,955	8,248	118,955
Production workers:								
Total.....number..	34,307	3,684	2,026	3,876	2,171	3,022	1,613	17,915
Man-hours.....1,000..	69,132	7,095	3,939	7,882	4,579	6,316	3,235	36,086
Wages.....\$1,000..	156,692	14,761	7,809	15,173	9,600	15,243	6,505	87,601
Value added, adjusted.....do....	369,685	45,185	23,055	44,985	27,220	37,463	12,252	179,525
Value of shipments.....do....	1,061,715	113,544	55,933	102,741	65,063	126,377	44,179	553,878
INDUSTRY 2644.--WALLPAPER								
Companies.....number..	77	62	9	4	1	-	-	1
Establishments.....do....	79	62	9	4	1	-	-	3
All employees:								
Total.....do....	2,194	796	601	797	(D)	-	-	(D)
Payroll.....\$1,000..	11,866	4,267	3,107	4,492	(D)	-	-	(D)
Production workers:								
Total.....number..	1,650	565	447	638	(D)	-	-	(D)
Man-hours.....1,000..	3,265	1,112	868	1,285	(D)	-	-	(D)
Wages.....\$1,000..	7,867	2,824	2,018	3,025	(D)	-	-	(D)
Value added, adjusted.....do....	20,907	7,686	5,310	7,911	(D)	-	-	(D)
Value of shipments.....do....	36,548	13,691	8,331	14,526	(D)	-	-	(D)

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company

Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2645.--DIE CUT PAPER AND BOARD								
Companies.....number..	370	288	29	21	8	5	5	14
Establishments.....do....	425	290	33	29	13	28	5	27
All employees:								
Total.....do....	15,135	3,079	1,866	2,195	1,050	1,585	474	4,886
Payroll.....\$1,000..	83,373	15,088	10,370	10,880	6,136	7,241	2,483	31,175
Production workers:								
Total.....number..	11,696	2,461	1,478	1,690	724	1,241	374	3,728
Man-hours.....1,000..	23,524	4,906	3,058	3,259	1,432	2,495	768	7,606
Wages.....\$1,000..	57,070	10,138	6,627	7,145	3,611	5,178	1,760	22,611
Value added, adjusted.....do....	183,185	29,638	18,985	19,826	10,429	17,997	4,563	81,747
Value of shipments.....do....	378,332	62,967	42,570	46,382	27,065	41,856	9,326	148,166
INDUSTRY 2646.--PRESSED AND MOLDED PULP GOODS								
Companies.....number..	43	27	4	2	1	1	1	7
Establishments.....do....	59	28	4	2	1	3	3	18
All employees:								
Total.....do....	5,720	435	2,282	(D)	(D)	(D)	(D)	3,003
Payroll.....\$1,000..	32,862	2,228	13,115	(D)	(D)	(D)	(D)	17,519
Production workers:								
Total.....number..	4,522	351	1,835	(D)	(D)	(D)	(D)	2,336
Man-hours.....1,000..	9,697	699	3,862	(D)	(D)	(D)	(D)	5,136
Wages.....\$1,000..	24,207	1,608	9,430	(D)	(D)	(D)	(D)	13,169
Value added, adjusted.....do....	70,006	4,281	24,062	(D)	(D)	(D)	(D)	41,663
Value of shipments.....do....	110,135	7,151	37,978	(D)	(D)	(D)	(D)	65,006
INDUSTRY 2647.--SANITARY PAPER PRODUCTS								
Companies.....number..	97	52	8	7	5	8	1	16
Establishments.....do....	119	52	8	7	7	11	1	33
All employees:								
Total.....do....	19,108	739	535	1,034	690	3,105	(D)	13,005
Payroll.....\$1,000..	112,539	3,835	2,561	5,483	3,555	17,789	(D)	79,316
Production workers:								
Total.....number..	15,261	563	426	810	582	2,448	(D)	10,432
Man-hours.....1,000..	32,339	1,167	846	1,795	1,266	5,189	(D)	22,076
Wages.....\$1,000..	85,928	2,245	1,744	3,960	2,608	12,781	(D)	62,590
Value added, adjusted.....do....	369,711	9,968	5,688	13,125	9,955	49,677	(D)	281,298
Value of shipments.....do....	983,019	29,538	13,398	30,035	37,952	121,248	(D)	750,848
INDUSTRY 2649.--CONVERTED PAPER PRODUCTS, N.E.C.								
Companies.....number..	570	439	44	37	13	12	9	16
Establishments.....do....	610	443	47	41	18	14	10	37
All employees:								
Total.....do....	29,514	4,842	2,746	5,330	2,913	2,628	2,174	8,881
Payroll.....\$1,000..	141,902	21,564	13,107	26,759	16,283	12,415	10,654	41,120
Production workers:								
Total.....number..	22,214	3,834	2,185	4,199	2,149	2,123	1,708	6,016
Man-hours.....1,000..	43,598	7,690	4,468	8,435	4,289	4,050	3,251	11,415
Wages.....\$1,000..	92,055	14,499	8,525	18,009	9,986	8,807	7,617	24,612
Value added, adjusted.....do....	302,546	47,453	25,304	50,446	28,196	29,569	32,799	88,779
Value of shipments.....do....	591,750	90,821	49,301	104,278	69,045	55,322	50,156	172,827
INDUSTRY 2651.--FOLDING PAPERBOARD BOXES								
Companies.....number..	534	338	80	54	16	9	4	33
Establishments.....do....	636	339	81	56	23	22	7	108
All employees:								
Total.....do....	51,291	6,018	5,292	7,672	3,224	3,153	(D)	25,932
Payroll.....\$1,000..	288,841	29,108	29,052	41,345	19,483	17,150	(D)	152,703
Production workers:								
Total.....number..	41,451	4,921	4,339	6,270	2,584	2,596	(D)	20,741
Man-hours.....1,000..	85,550	9,790	8,931	12,953	5,297	5,326	(D)	43,253
Wages.....\$1,000..	206,654	20,554	19,986	28,423	12,453	12,747	(D)	112,491
Value added, adjusted.....do....	476,866	49,432	46,974	71,556	31,813	30,935	(D)	246,156
Value of shipments.....do....	1,081,147	103,070	90,304	136,434	64,250	70,823	(D)	616,266

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2652.--SET-UP PAPERBOARD BOXES								
Companies.....number..	474	333	77	37	4	7	4	12
Establishments.....do....	503	334	79	40	6	25	4	15
All employees:								
Total.....do....	20,459	6,372	5,215	5,322	(D)	2,391	1,159	(D)
Payroll.....\$1,000..	82,229	23,842	20,544	22,994	(D)	9,939	4,910	(D)
Production workers:								
Total.....number..	17,659	5,470	4,562	4,537	(D)	2,099	991	(D)
Man-hours.....1,000..	34,523	10,417	8,913	9,043	(D)	4,174	1,976	(D)
Wages.....\$1,000..	61,534	18,124	15,397	16,351	(D)	7,522	4,140	(D)
Value added, adjusted.....do....	131,688	37,750	32,076	34,480	(D)	17,144	10,238	(D)
Value of shipments.....do....	225,794	63,208	54,191	58,499	(D)	30,069	19,827	(D)
INDUSTRY 2653.--CORRUGATED SHIPPING CONTAINERS								
Companies.....number..	520	346	52	52	16	7	12	35
Establishments.....do....	923	347	54	59	31	14	66	352
All employees:								
Total.....do....	83,229	5,443	3,654	8,184	3,760	2,934	6,348	52,906
Payroll.....\$1,000..	485,594	28,096	19,847	49,147	23,312	17,510	36,679	311,003
Production workers:								
Total.....number..	62,800	4,132	2,829	6,247	2,846	2,096	4,762	39,888
Man-hours.....1,000..	132,289	8,212	5,762	13,086	6,038	4,422	10,327	84,442
Wages.....\$1,000..	323,829	17,096	12,391	30,465	14,869	10,715	24,560	213,733
Value added, adjusted.....do....	804,012	51,413	35,255	87,540	41,192	30,266	61,995	496,351
Value of shipments.....do....	2,166,137	124,748	77,921	196,987	95,528	76,583	163,094	1,431,276
INDUSTRY 2654.--SANITARY FOOD CONTAINERS								
Companies.....number..	98	51	7	8	6	3	1	22
Establishments.....do....	186	52	7	9	8	6	1	103
All employees:								
Total.....do....	32,879	847	522	1,033	2,311	(D)	(D)	28,166
Payroll.....\$1,000..	182,745	4,136	2,423	4,893	11,455	(D)	(D)	159,838
Production workers:								
Total.....number..	25,935	690	422	874	1,792	(D)	(D)	22,157
Man-hours.....1,000..	53,448	1,429	878	1,833	3,771	(D)	(D)	45,537
Wages.....\$1,000..	129,247	2,550	1,779	3,430	7,467	(D)	(D)	114,021
Value added, adjusted.....do....	402,211	7,730	4,101	13,187	22,942	(D)	(D)	354,251
Value of shipments.....do....	905,931	18,088	9,144	26,993	47,032	(D)	(D)	804,674
INDUSTRY 2655.--FIBER CANS, TUBES, DRUMS, ETC.								
Companies.....number..	166	112	22	11	6	4	3	8
Establishments.....do....	246	112	24	18	7	10	34	41
All employees:								
Total.....do....	13,188	1,496	1,526	1,278	1,554	(D)	1,947	5,387
Payroll.....\$1,000..	67,488	7,222	6,465	5,380	6,941	(D)	9,571	31,909
Production workers:								
Total.....number..	11,221	1,259	1,278	1,064	1,343	(D)	1,772	4,505
Man-hours.....1,000..	22,816	2,618	2,557	2,006	2,534	(D)	3,779	9,322
Wages.....\$1,000..	50,275	5,244	4,507	3,656	5,275	(D)	6,772	24,821
Value added, adjusted.....do....	126,196	13,208	9,241	8,901	11,052	(D)	27,515	56,279
Value of shipments.....do....	260,257	23,645	17,300	17,057	19,786	(D)	69,100	113,369
INDUSTRY 2661.--BUILDING PAPER AND BOARD MILLS								
Companies.....number..	33	9	1	-	2	2	4	15
Establishments.....do....	83	9	1	-	2	3	20	48
All employees:								
Total.....do....	11,874	809	(D)	-	(D)	(D)	2,273	8,792
Payroll.....\$1,000..	69,637	5,199	(D)	-	(D)	(D)	12,255	52,183
Production workers:								
Total.....number..	10,158	607	(D)	-	(D)	(D)	2,034	7,517
Man-hours.....1,000..	21,362	1,322	(D)	-	(D)	(D)	4,193	15,847
Wages.....\$1,000..	56,909	3,751	(D)	-	(D)	(D)	10,217	42,941
Value added, adjusted.....do....	153,103	11,094	(D)	-	(D)	(D)	27,281	114,728
Value of shipments.....do....	281,564	21,255	(D)	-	(D)	(D)	52,048	208,261

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
MAJOR GROUP 27.--PRINTING AND PUBLISHING								
Companies.....number..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Establishments.....do....	38,090	34,348	1,375	983	390	303	312	379
All employees:								
Total.....do....	913,243	265,471	86,689	112,800	72,767	79,650	108,458	187,408
Payroll.....\$1,000..	5,514,816	1,412,969	524,109	681,321	441,347	483,321	701,031	1,270,718
Production workers:								
Total.....number..	559,843	183,199	57,913	70,029	42,096	42,193	59,550	104,863
Man-hours.....1,000..	1,083,179	361,613	113,440	137,252	81,638	82,136	112,287	194,813
Wages.....\$1,000..	3,190,988	936,304	326,111	395,654	241,211	243,464	364,176	684,068
Value added, adjusted.....do....	10,476,433	2,451,228	874,060	1,223,829	838,570	1,012,119	1,449,307	2,627,320
Value of shipments ⁴do....	16,165,744	3,803,669	1,311,775	1,811,079	1,256,406	1,523,065	2,133,548	4,326,202
INDUSTRY 2711.--NEWSPAPERS								
Companies.....number..	7,982	7,259	303	241	78	49	34	18
Establishments.....do....	8,331	7,294	317	299	116	116	99	90
All employees:								
Total.....do....	306,439	61,439	20,404	36,440	26,833	35,001	49,941	76,381
Payroll.....\$1,000..	1,784,570	250,909	104,648	201,688	151,513	206,744	333,061	536,007
Production workers:								
Total.....number..	160,061	38,190	10,611	18,167	13,318	15,999	24,014	39,762
Man-hours.....1,000..	294,541	74,987	20,331	34,031	24,864	30,705	43,292	66,331
Wages.....\$1,000..	935,160	157,254	55,991	104,121	80,532	100,250	167,897	269,115
Value added, adjusted.....do....	3,201,872	433,124	181,043	352,495	285,290	419,920	620,892	909,108
Value of shipments.....do....	4,483,592	593,239	225,402	449,073	376,910	570,397	876,009	1,392,562
INDUSTRY 2721.--PERIODICALS								
Companies.....number..	2,562	2,362	78	57	26	15	14	10
Establishments.....do....	2,630	2,377	85	77	38	16	22	15
All employees:								
Total.....do....	67,730	14,830	5,295	7,572	7,032	8,199	8,220	16,582
Payroll.....\$1,000..	461,124	89,341	33,891	51,338	50,587	49,889	65,990	120,088
Production workers:								
Total.....number..	12,257	2,427	1,790	1,700	1,057	1,882	1,464	1,937
Man-hours.....1,000..	22,134	4,282	3,113	3,195	2,214	3,606	1,854	3,870
Wages.....\$1,000..	65,573	12,749	9,280	8,116	5,286	9,352	7,085	13,705
Value added, adjusted.....do....	1,349,030	212,557	67,670	128,138	132,443	116,821	235,120	456,281
Value of shipments.....do....	2,295,716	346,346	96,323	188,613	212,549	182,106	370,808	898,971
INDUSTRY 2731.--BOOKS, PUBLISHING AND PRINTING								
Companies.....number..	936	799	43	44	17	11	11	11
Establishments.....do....	993	806	49	53	26	18	19	22
All employees:								
Total.....do....	46,812	6,090	2,931	5,733	5,065	6,296	7,997	12,700
Payroll.....\$1,000..	280,664	33,772	17,130	34,011	28,239	44,650	48,813	74,049
Production workers:								
Total.....number..	11,810	1,920	703	1,439*	1,984	1,237	2,085	2,442
Man-hours.....1,000..	23,450	4,069	1,454	2,679	3,918	2,548	3,975	4,807
Wages.....\$1,000..	59,474	8,292	2,896	6,841	9,679	6,812	10,526	14,428
Value added, adjusted.....do....	995,736	99,815	55,807	121,796	87,466	167,553	164,430	298,869
Value of shipments.....do....	1,534,632	199,305	93,593	197,741	130,065	252,139	229,978	431,811
INDUSTRY 2732.--BOOK PRINTING								
Companies.....number..	662	553	45	32	7	11	8	6
Establishments.....do....	683	556	46	33	8	15	13	12
All employees:								
Total.....do....	36,101	7,353	3,099	4,487	1,895	5,362	6,576	7,329
Payroll.....\$1,000..	214,175	45,126	20,975	26,819	9,743	30,935	37,806	42,771
Production workers:								
Total.....number..	29,641	5,798	2,439	3,625	1,616	4,393	5,690	6,080
Man-hours.....1,000..	59,563	11,453	4,956	7,349	2,941	8,471	11,571	12,822
Wages.....\$1,000..	164,559	33,377	15,191	19,611	7,755	24,416	30,863	33,346
Value added, adjusted.....do....	358,294	79,028	36,758	41,925	15,807	50,470	60,385	73,921
Value of shipments.....do....	546,587	123,885	59,003	65,034	26,738	72,881	85,228	113,818

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2741.--MISCELLANEOUS PUBLISHING								
Companies.....number..	1,308	1,231	31	23	9	2	6	6
Establishments.....do....	1,374	1,248	32	29	26	3	20	16
All employees:								
Total.....do....	22,551	6,893	1,962	2,447	2,239	(D)	4,682	4,328
Payroll.....\$1,000..	130,427	36,318	9,723	13,811	14,901	(D)	28,140	27,534
Production workers:								
Total.....number..	9,798	3,023	807	996	1,105	(D)	2,146	1,721
Man-hours.....1,000..	18,688	5,710	1,616	1,861	2,209	(D)	3,967	3,325
Wages.....\$1,000..	48,799	14,379	3,730	4,278	6,856	(D)	8,863	10,693
Value added, adjusted.....do....	252,932	63,696	15,229	30,350	27,646	(D)	45,537	70,474
Value of shipments.....do....	389,588	105,577	28,763	42,235	35,588	(D)	88,446	88,979
INDUSTRY 2751.--PRINTING, EXCEPT LITHOGRAPHIC								
Companies.....number..	11,979	11,430	271	120	47	35	23	53
Establishments.....do....	12,109	11,437	275	134	65	63	40	95
All employees:								
Total.....do....	170,215	69,973	17,005	14,521	9,269	11,926	8,436	39,085
Payroll.....\$1,000..	1,007,469	355,467	101,095	85,284	57,541	73,903	56,116	278,063
Production workers:								
Total.....number..	136,118	55,084	13,475	11,700	7,348	8,682	7,295	32,534
Man-hours.....1,000..	264,230	106,317	26,330	23,257	14,339	17,207	13,584	63,196
Wages.....\$1,000..	762,732	267,141	71,822	63,511	42,510	49,547	46,827	221,374
Value added, adjusted.....do....	1,578,275	598,584	157,028	133,905	92,465	116,580	83,542	396,171
Value of shipments.....do....	2,645,051	979,094	256,682	214,853	144,882	210,834	130,714	707,992
INDUSTRY 2752.--PRINTING, LITHOGRAPHIC								
Companies.....number..	6,738	6,223	247	153	45	21	17	32
Establishments.....do....	6,822	6,229	256	170	58	31	23	55
All employees:								
Total.....do....	121,072	51,849	15,839	20,112	11,032	6,012	3,274	12,954
Payroll.....\$1,000..	794,353	323,270	112,176	136,905	76,459	40,451	20,058	85,034
Production workers:								
Total.....number..	91,358	39,663	11,911	15,547	8,389	4,631	2,623	8,594
Man-hours.....1,000..	187,293	83,504	23,968	31,361	17,166	8,919	5,372	17,003
Wages.....\$1,000..	554,933	230,783	76,337	95,731	53,319	27,509	16,096	55,158
Value added, adjusted.....do....	1,302,046	534,341	174,720	210,955	119,484	71,952	32,857	157,737
Value of shipments.....do....	2,149,651	872,158	291,482	350,863	200,446	118,685	53,290	262,727
INDUSTRY 2753.--ENGRAVING AND PLATE PRINTING								
Companies.....number..	574	545	9	10	5	2	2	1
Establishments.....do....	580	545	10	11	5	3	5	1
All employees:								
Total.....do....	9,022	4,876	587	3,559	(D)	(D)	(D)	(D)
Payroll.....\$1,000..	50,703	25,324	3,257	22,122	(D)	(D)	(D)	(D)
Production workers:								
Total.....number..	7,126	3,869	463	2,794	(D)	(D)	(D)	(D)
Man-hours.....1,000..	13,812	7,682	866	5,264	(D)	(D)	(D)	(D)
Wages.....\$1,000..	38,164	19,095	2,216	16,853	(D)	(D)	(D)	(D)
Value added, adjusted.....do....	80,748	39,893	4,643	36,212	(D)	(D)	(D)	(D)
Value of shipments.....do....	111,138	56,630	6,754	47,754	(D)	(D)	(D)	(D)
INDUSTRY 2761.--MANIFOLD BUSINESS FORMS								
Companies.....number..	439	330	53	28	10	5	4	9
Establishments.....do....	502	330	54	33	16	11	19	39
All employees:								
Total.....do....	28,796	4,491	3,441	3,760	3,341	5,441	(D)	8,322
Payroll.....\$1,000..	173,238	25,008	19,728	21,022	21,841	33,001	(D)	52,638
Production workers:								
Total.....number..	21,259	3,448	2,574	2,612	2,320	4,037	(D)	6,268
Man-hours.....1,000..	43,296	6,860	5,237	5,291	4,780	8,593	(D)	12,535
Wages.....\$1,000..	116,680	17,568	12,487	12,822	12,452	22,758	(D)	38,593
Value added, adjusted.....do....	377,710	43,787	33,072	37,527	34,056	73,662	(D)	155,606
Value of shipments.....do....	637,673	75,965	59,517	67,735	60,893	123,782	(D)	249,781

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2771.--GREETING CARD MANUFACTURING								
Companies.....number..	239	191	23	10	6	4	3	2
Establishments.....do....	257	192	23	10	9	6	9	8
All employees:								
Total.....do....	21,535	1,697	1,593	1,325	1,946	1,310	13,664	(D)
Payroll.....\$1,000..	105,600	7,700	8,638	6,991	6,587	5,396	70,288	(D)
Production workers:								
Total.....number..	13,356	1,305	1,284	1,012	1,609	879	7,267	(D)
Man-hours.....1,000..	26,187	2,504	2,536	1,991	2,911	1,808	14,437	(D)
Wages.....\$1,000..	53,891	5,348	5,909	4,892	4,715	2,876	30,151	(D)
Value added, adjusted.....do....	204,608	16,212	14,771	12,864	9,203	13,228	138,330	(D)
Value of shipments.....do....	345,961	32,228	24,243	20,554	22,600	27,084	219,252	(D)
INDUSTRY 2782.--BLANKBOOKS; LOOSELEAF BINDERS								
Companies.....number..	380	305	26	32	3	4	5	5
Establishments.....do....	410	305	26	39	3	4	24	9
All employees:								
Total.....do....	17,899	3,252	1,911	5,043	(D)	1,210	5,790	693
Payroll.....\$1,000..	91,197	14,962	9,361	24,922	(D)	6,209	31,700	4,043
Production workers:								
Total.....number..	14,412	2,570	1,581	3,941	(D)	1,036	4,715	569
Man-hours.....1,000..	28,710	4,984	3,193	7,782	(D)	1,998	9,670	1,083
Wages.....\$1,000..	64,392	10,423	6,469	16,360	(D)	4,599	23,479	3,062
Value added, adjusted.....do....	168,465	26,100	15,853	45,278	(D)	9,964	62,011	9,259
Value of shipments.....do....	268,219	44,178	27,695	75,450	(D)	17,206	90,596	13,094
INDUSTRY 2789.--BOOKBINDING AND RELATED WORK								
Companies.....number..	1,038	919	72	30	9	6	1	1
Establishments.....do....	1,043	920	73	32	10	6	1	1
All employees:								
Total.....do....	24,338	10,517	4,807	4,432	2,432	2,150	(D)	(D)
Payroll.....\$1,000..	114,977	48,563	22,113	21,399	11,233	11,669	(D)	(D)
Production workers:								
Total.....number..	21,664	9,351	4,290	3,939	2,143	1,941	(D)	(D)
Man-hours.....1,000..	40,849	17,173	8,109	7,866	4,070	3,631	(D)	(D)
Wages.....\$1,000..	92,900	39,919	17,441	17,164	8,513	9,863	(D)	(D)
Value added, adjusted.....do....	172,298	75,269	33,253	30,508	17,426	15,842	(D)	(D)
Value of shipments.....do....	228,477	94,532	41,785	43,233	23,574	25,353	(D)	(D)
INDUSTRY 2791.--TYPESETTING								
Companies.....number..	1,271	1,162	64	30	5	3	5	2
Establishments.....do....	1,289	1,169	65	39	5	3	6	2
All employees:								
Total.....do....	20,997	11,359	4,117	3,498	874	(D)	1,149	(D)
Payroll.....\$1,000..	147,286	76,321	30,702	26,668	5,692	(D)	7,903	(D)
Production workers:								
Total.....number..	16,944	9,122	3,308	2,756	720	(D)	1,038	(D)
Man-hours.....1,000..	33,517	17,906	6,579	5,544	1,455	(D)	2,033	(D)
Wages.....\$1,000..	118,664	62,223	24,060	20,501	4,730	(D)	7,150	(D)
Value added, adjusted.....do....	205,450	111,912	41,559	34,558	7,285	(D)	10,136	(D)
Value of shipments.....do....	241,014	131,690	46,548	42,489	8,628	(D)	11,659	(D)
INDUSTRY 2793.--PHOTOENGRAVING								
Companies.....number..	872	794	43	17	4	4	2	8
Establishments.....do....	883	799	45	18	5	4	3	9
All employees:								
Total.....do....	14,620	8,910	2,499	2,357	(D)	288	(D)	566
Payroll.....\$1,000..	119,743	67,110	21,423	23,822	(D)	2,581	(D)	4,807
Production workers:								
Total.....number..	10,271	6,095	1,816	1,737	(D)	225	(D)	398
Man-hours.....1,000..	19,643	11,743	3,442	3,277	(D)	390	(D)	791
Wages.....\$1,000..	86,582	48,444	15,747	17,005	(D)	2,034	(D)	3,352
Value added, adjusted.....do....	171,796	98,343	29,630	32,721	(D)	3,418	(D)	7,684
Value of shipments.....do....	212,377	121,333	36,251	38,717	(D)	4,143	(D)	11,933

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2794.--ELECTROTYPING AND STEREOTYPING								
Companies.....number..	170	138	19	6	-	1	2	4
Establishments.....do....	184	141	19	6	-	4	9	5
All employees:								
Total.....do....	5,116	1,942	1,199	1,809	-	(D)	(D)	166
Payroll.....\$1,000..	39,290	13,778	9,249	<u>14,860</u>	-	(D)	(D)	1,403
Production workers:								
Total.....number..	3,768	1,334	861	<u>1,434</u>	-	(D)	(D)	139
Man-hours.....1,000..	7,266	2,439	1,710	<u>2,835</u>	-	(D)	(D)	282
Wages.....\$1,000..	28,485	9,309	6,535	<u>11,439</u>	-	(D)	(D)	1,202
Value added, adjusted.....do....	57,173	19,897	13,024	<u>22,172</u>	-	(D)	(D)	2,080
Value of shipments.....do....	76,068	27,509	17,734	<u>27,966</u>	-	(D)	(D)	2,859
MAJOR GROUP 28.--CHEMICALS AND ALLIED PRODUCTS								
Companies.....number..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Establishments.....do....	11,993	8,114	533	462	264	268	401	1,951
All employees:								
Total.....do....	737,414	70,343	28,652	38,254	26,549	32,943	57,540	483,133
Payroll.....\$1,000..	4,969,843	398,187	171,018	227,136	162,598	217,378	373,556	3,419,970
Production workers:								
Total.....number..	474,141	42,444	16,987	23,035	16,672	19,310	34,752	320,941
Man-hours.....1,000..	963,361	85,422	34,802	46,860	34,267	39,423	71,747	650,840
Wages.....\$1,000..	2,779,938	188,309	79,078	105,382	83,451	104,398	194,822	2,024,498
Value added, adjusted.....do....	17,586,138	967,171	419,151	623,113	464,559	957,545	1,544,186	12,610,413
Value of shipments ⁴do....	31,772,722	2,216,123	945,290	1,280,411	966,908	1,682,488	2,734,584	21,946,918
INDUSTRY 2812.--ALKALIES AND CHLORINE								
Companies.....number..	19	-	1	1	-	-	3	14
Establishments.....do....	38	-	1	1	-	-	4	32
All employees:								
Total.....do....	19,652	-	<u>743</u>	(D)	-	-	(D)	18,909
Payroll.....\$1,000..	138,156	-	<u>4,724</u>	(D)	-	-	(D)	133,432
Production workers:								
Total.....number..	13,489	-	<u>530</u>	(D)	-	-	(D)	12,959
Man-hours.....1,000..	27,594	-	<u>1,138</u>	(D)	-	-	(D)	26,456
Wages.....\$1,000..	88,091	-	<u>3,232</u>	(D)	-	-	(D)	84,859
Value added, adjusted.....do....	389,243	-	<u>17,543</u>	(D)	-	-	(D)	371,700
Value of shipments.....do....	652,120	-	<u>33,776</u>	(D)	-	-	(D)	618,344
INDUSTRY 2813.--INDUSTRIAL GASES								
Companies.....number..	104	74	8	2	4	1	2	13
Establishments.....do....	456	75	11	7	11	6	2	344
All employees:								
Total.....do....	9,809	669	<u>753</u>	(D)	<u>853</u>	(D)	(D)	7,534
Payroll.....\$1,000..	66,551	3,997	<u>5,071</u>	(D)	<u>5,580</u>	(D)	(D)	51,903
Production workers:								
Total.....number..	5,250	328	<u>369</u>	(D)	<u>277</u>	(D)	(D)	4,276
Man-hours.....1,000..	11,069	687	<u>777</u>	(D)	<u>587</u>	(D)	(D)	9,018
Wages.....\$1,000..	33,459	1,793	<u>2,034</u>	(D)	<u>1,659</u>	(D)	(D)	27,973
Value added, adjusted.....do....	260,182	8,686	<u>12,804</u>	(D)	<u>18,920</u>	(D)	(D)	219,772
Value of shipments.....do....	425,388	16,571	<u>18,775</u>	(D)	<u>27,995</u>	(D)	(D)	362,047
INDUSTRY 2814.--CYCLIC (COAL TAR) CRUDES								
Companies.....number..	8	3	2	-	-	1	-	2
Establishments.....do....	36	3	4	-	-	8	-	21
All employees:								
Total.....do....	1,636	<u>1,636</u>	(D)	-	-	(D)	-	(D)
Payroll.....\$1,000..	11,009	<u>11,009</u>	(D)	-	-	(D)	-	(D)
Production workers:								
Total.....number..	1,314	<u>1,314</u>	(D)	-	-	(D)	-	(D)
Man-hours.....1,000..	2,855	<u>2,855</u>	(D)	-	-	(D)	-	(D)
Wages.....\$1,000..	8,615	<u>8,615</u>	(D)	-	-	(D)	-	(D)
Value added, adjusted.....do....	35,103	<u>35,103</u>	(D)	-	-	(D)	-	(D)
Value of shipments.....do....	105,172	<u>105,172</u>	(D)	-	-	(D)	-	(D)

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2815.--INTERMEDIATE COAL TAR PRODUCTS								
Companies.....number..	112	52	10	8	5	7	5	25
Establishments.....do....	141	53	10	9	6	7	10	46
All employees:								
Total.....do....	26,089	554	680	644	1,167	1,177	1,746	20,121
Payroll.....\$1,000..	190,849	3,863	4,214	4,665	6,974	8,311	12,320	150,501
Production workers:								
Total.....number..	17,576	367	434	471	893	811	1,161	13,439
Man-hours.....1,000..	35,725	805	951	998	1,798	1,724	2,543	26,906
Wages.....\$1,000..	116,149	2,162	2,336	2,971	4,691	5,043	7,641	91,305
Value added, adjusted.....do....	570,234	9,554	10,223	10,330	19,078	41,362	24,435	455,252
Value of shipments.....do....	1,107,583	23,623	25,597	22,899	36,374	74,792	56,985	867,313
INDUSTRY 2816.--INORGANIC PIGMENTS								
Companies.....number..	69	42	5	4	1	1	5	11
Establishments.....do....	96	42	7	5	1	1	7	33
All employees:								
Total.....do....	11,544	398	275	424	(D)	(D)	578	9,869
Payroll.....\$1,000..	76,372	2,319	1,337	2,612	(D)	(D)	2,237	67,867
Production workers:								
Total.....number..	8,135	274	234	290	(D)	(D)	400	6,937
Man-hours.....1,000..	16,161	533	532	600	(D)	(D)	797	13,699
Wages.....\$1,000..	49,859	1,313	1,050	1,540	(D)	(D)	1,605	44,351
Value added, adjusted.....do....	286,407	6,660	4,262	9,605	(D)	(D)	6,613	259,267
Value of shipments.....do....	484,768	15,585	6,966	17,011	(D)	(D)	20,482	424,724
INDUSTRY 2818.--ORGANIC CHEMICALS, N.E.C.								
Companies.....number..	343	217	17	18	8	8	18	57
Establishments.....do....	464	221	20	19	10	9	43	142
All employees:								
Total.....do....	85,492	1,817	1,019	1,955	413	1,422	8,081	70,785
Payroll.....\$1,000..	677,252	12,394	7,243	14,014	2,197	9,861	59,638	571,905
Production workers:								
Total.....number..	56,370	1,144	619	1,218	315	1,015	5,117	46,942
Man-hours.....1,000..	114,438	2,384	1,323	2,649	688	2,016	10,455	94,923
Wages.....\$1,000..	405,019	6,465	3,801	7,653	1,632	5,999	35,097	344,372
Value added, adjusted.....do....	2,727,450	31,557	26,602	44,828	7,711	27,370	187,818	2,401,564
Value of shipments.....do....	4,840,176	62,779	55,877	92,297	21,779	54,286	373,502	4,179,656
INDUSTRY 2819.--INORGANIC CHEMICALS, N.E.C.								
Companies.....number..	404	271	21	22	11	9	14	56
Establishments.....do....	674	278	40	35	21	14	24	262
All employees:								
Total.....do....	82,430	2,229	1,351	2,921	1,690	1,713	5,246	67,280
Payroll.....\$1,000..	603,036	13,691	8,520	19,667	11,288	11,129	39,066	499,675
Production workers:								
Total.....number..	53,515	1,539	882	1,831	1,175	1,219	2,930	43,939
Man-hours.....1,000..	108,078	3,234	1,843	4,086	2,365	2,468	5,386	88,696
Wages.....\$1,000..	351,697	8,212	5,157	10,785	6,922	7,097	19,527	293,997
Value added, adjusted.....do....	1,902,563	39,477	26,209	50,698	38,595	43,766	101,368	1,602,450
Value of shipments.....do....	3,493,870	82,515	73,599	123,674	90,521	78,286	190,241	2,855,034
INDUSTRY 2821.--PLASTICS MATERIALS AND RESINS								
Companies.....number..	391	257	30	23	11	8	16	46
Establishments.....do....	509	262	31	32	15	11	35	123
All employees:								
Total.....do....	61,366	3,097	1,663	2,114	2,123	1,882	3,790	46,697
Payroll.....\$1,000..	437,566	19,107	10,460	13,801	14,330	12,872	23,695	343,301
Production workers:								
Total.....number..	41,446	2,141	1,181	1,420	1,360	1,175	2,668	31,501
Man-hours.....1,000..	86,134	4,523	2,519	3,035	3,228	2,435	5,650	64,744
Wages.....\$1,000..	264,499	10,753	5,828	7,690	8,213	5,883	14,135	211,997
Value added, adjusted.....do....	1,202,349	48,505	25,277	34,519	29,096	31,240	70,463	963,249
Value of shipments.....do....	2,571,492	129,106	59,569	85,449	81,493	63,719	174,266	1,977,890

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company

Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2822.--SYNTHETIC RUBBER								
Companies.....number..	16	-	-	-	-	2	1	13
Establishments.....do....	24	-	-	-	-	2	3	19
All employees:								
Total.....do.....	11,840	-	-	-	-	2,738	(D)	9,102
Payroll.....\$1,000..	93,507	-	-	-	-	<u>20,111</u>	(D)	73,396
Production workers:								
Total.....number..	7,844	-	-	-	-	2,097	(D)	5,747
Man-hours.....1,000..	15,915	-	-	-	-	<u>4,247</u>	(D)	11,668
Wages.....\$1,000..	56,615	-	-	-	-	<u>14,632</u>	(D)	41,983
Value added, adjusted.....do....	329,520	-	-	-	-	<u>58,717</u>	(D)	270,803
Value of shipments.....do....	763,891	-	-	-	-	<u>163,250</u>	(D)	600,641
INDUSTRY 2823.--CELLULOSIC MAN-MADE FIBERS								
Companies.....number..	8	-	-	-	-	1	-	7
Establishments.....do....	19	-	-	-	-	1	-	18
All employees:								
Total.....do.....	30,086	-	-	-	-	30,086	-	(D)
Payroll.....\$1,000..	167,028	-	-	-	-	<u>167,028</u>	-	(D)
Production workers:								
Total.....number..	24,015	-	-	-	-	<u>24,015</u>	-	(D)
Man-hours.....1,000..	48,114	-	-	-	-	<u>48,114</u>	-	(D)
Wages.....\$1,000..	120,492	-	-	-	-	<u>120,492</u>	-	(D)
Value added, adjusted.....do....	411,529	-	-	-	-	<u>411,529</u>	-	(D)
Value of shipments.....do....	731,815	-	-	-	-	<u>731,815</u>	-	(D)
INDUSTRY 2824.--ORGANIC FIBERS, NONCELLULOSIC								
Companies.....number..	14	1	1	-	-	1	-	11
Establishments.....do....	25	1	1	-	-	1	-	22
All employees:								
Total.....do.....	41,421	<u>260</u>	(D)	-	-	(D)	-	41,161
Payroll.....\$1,000..	275,809	<u>1,462</u>	(D)	-	-	(D)	-	274,347
Production workers:								
Total.....number..	28,385	<u>214</u>	(D)	-	-	(D)	-	28,171
Man-hours.....1,000..	57,240	<u>491</u>	(D)	-	-	(D)	-	56,749
Wages.....\$1,000..	161,042	<u>947</u>	(D)	-	-	(D)	-	160,095
Value added, adjusted.....do....	922,001	<u>922</u>	(D)	-	-	(D)	-	921,079
Value of shipments.....do....	1,403,178	<u>1,224</u>	(D)	-	-	(D)	-	1,401,954
INDUSTRY 2831.--BIOLOGICAL PRODUCTS								
Companies.....number..	102	79	2	3	1	2	2	13
Establishments.....do....	113	79	2	3	1	2	4	22
All employees:								
Total.....do.....	5,789	<u>851</u>	(D)	<u>1,727</u>	(D)	(D)	(D)	3,211
Payroll.....\$1,000..	33,813	<u>4,504</u>	(D)	<u>10,548</u>	(D)	(D)	(D)	18,761
Production workers:								
Total.....number..	3,649	<u>578</u>	(D)	<u>913</u>	(D)	(D)	(D)	2,158
Man-hours.....1,000..	7,228	<u>1,163</u>	(D)	<u>1,678</u>	(D)	(D)	(D)	4,387
Wages.....\$1,000..	17,032	<u>2,470</u>	(D)	<u>3,940</u>	(D)	(D)	(D)	10,622
Value added, adjusted.....do....	60,377	<u>9,663</u>	(D)	<u>16,908</u>	(D)	(D)	(D)	33,806
Value of shipments.....do....	95,744	<u>16,071</u>	(D)	<u>24,287</u>	(D)	(D)	(D)	55,386
INDUSTRY 2833.--MEDICINALS AND BOTANICALS								
Companies.....number..	122	96	3	3	2	1	3	14
Establishments.....do....	138	96	3	5	4	3	4	23
All employees:								
Total.....do.....	8,128	730	217	<u>843</u>	(D)	(D)	306	6,032
Payroll.....\$1,000..	59,324	4,475	1,532	<u>4,974</u>	(D)	(D)	1,974	46,369
Production workers:								
Total.....number..	5,325	496	120	<u>533</u>	(D)	(D)	247	3,929
Man-hours.....1,000..	11,134	975	253	<u>1,195</u>	(D)	(D)	574	8,137
Wages.....\$1,000..	33,606	2,419	729	<u>2,568</u>	(D)	(D)	1,604	26,286
Value added, adjusted.....do....	151,297	11,495	3,675	<u>19,119</u>	(D)	(D)	5,475	111,533
Value of shipments.....do....	305,793	23,799	10,459	<u>39,570</u>	(D)	(D)	17,009	214,956

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² —						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2834.--PHARMACEUTICAL PREPARATIONS								
Companies.....number..	944	783	52	34	12	15	14	34
Establishments.....do....	1,011	786	55	39	16	23	20	72
All employees:								
Total.....do....	85,084	6,616	3,450	4,724	3,268	4,511	9,335	53,180
Payroll.....\$1,000..	580,638	33,172	17,824	27,349	19,449	32,823	65,548	384,473
Production workers:								
Total.....number..	45,937	4,075	1,853	2,500	2,068	1,854	4,082	29,505
Man-hours.....1,000..	91,671	7,876	3,598	4,733	3,996	3,683	8,479	59,306
Wages.....\$1,000..	245,993	15,679	7,271	9,699	9,327	10,626	22,100	171,291
Value added, adjusted.....do....	2,595,657	77,287	41,558	81,847	59,135	192,444	319,280	1,824,106
Value of shipments.....do....	3,314,323	133,872	67,939	115,583	91,564	236,985	391,023	2,277,357
INDUSTRY 2841.--SOAP AND OTHER DETERGENTS								
Companies.....number..	641	565	23	15	13	6	4	15
Establishments.....do....	704	566	28	22	18	14	8	48
All employees:								
Total.....do....	30,794	4,205	1,318	1,624	1,934	1,138	1,175	19,400
Payroll.....\$1,000..	214,144	25,001	7,846	10,771	11,441	6,026	7,147	145,912
Production workers:								
Total.....number..	20,116	2,163	625	795	1,078	895	414	14,146
Man-hours.....1,000..	41,005	4,305	1,277	1,578	2,207	1,753	897	28,988
Wages.....\$1,000..	127,611	9,834	2,764	3,451	5,277	4,437	2,785	99,063
Value added, adjusted.....do....	1,137,425	52,983	16,833	30,198	38,617	60,869	36,534	901,391
Value of shipments.....do....	2,127,789	121,452	36,766	59,103	79,635	97,788	61,802	1,671,243
INDUSTRY 2842.--POLISHES AND SANITATION GOODS								
Companies.....number..	1,075	994	30	17	7	11	3	13
Establishments.....do....	1,101	998	30	21	9	15	5	23
All employees:								
Total.....do....	16,332	6,362	1,932	2,182	1,129	<u>2,729</u>	(D)	1,998
Payroll.....\$1,000..	96,586	34,985	11,054	13,148	6,672	<u>18,385</u>	(D)	12,342
Production workers:								
Total.....number..	9,477	3,650	1,133	1,032	712	<u>1,754</u>	(D)	1,196
Man-hours.....1,000..	18,971	7,370	2,274	1,969	1,395	<u>3,530</u>	(D)	2,433
Wages.....\$1,000..	42,342	14,861	4,792	3,683	3,173	<u>9,363</u>	(D)	6,470
Value added, adjusted.....do....	420,440	92,194	31,341	32,765	15,045	<u>152,519</u>	(D)	96,576
Value of shipments.....do....	757,179	185,377	67,457	61,967	26,921	<u>256,454</u>	(D)	159,003
INDUSTRY 2843.--SURFACE ACTIVE AGENTS								
Companies.....number..	137	113	9	3	1	2	5	4
Establishments.....do....	148	113	11	4	2	2	9	7
All employees:								
Total.....do....	4,108	1,526	<u>2,582</u>	(D)	(D)	(D)	(D)	(D)
Payroll.....\$1,000..	31,893	11,934	<u>19,959</u>	(D)	(D)	(D)	(D)	(D)
Production workers:								
Total.....number..	2,162	786	<u>1,376</u>	(D)	(D)	(D)	(D)	(D)
Man-hours.....1,000..	4,586	1,628	<u>2,958</u>	(D)	(D)	(D)	(D)	(D)
Wages.....\$1,000..	12,795	4,183	<u>8,612</u>	(D)	(D)	(D)	(D)	(D)
Value added, adjusted.....do....	75,698	25,934	<u>49,764</u>	(D)	(D)	(D)	(D)	(D)
Value of shipments.....do....	177,821	63,299	<u>114,522</u>	(D)	(D)	(D)	(D)	(D)
INDUSTRY 2844.--TOILET PREPARATIONS								
Companies.....number..	673	575	19	28	14	13	11	13
Establishments.....do....	707	577	20	30	16	26	20	18
All employees:								
Total.....do....	34,338	4,100	1,368	3,719	4,357	5,527	8,828	6,439
Payroll.....\$1,000..	183,219	17,864	5,615	17,660	24,040	33,821	47,658	36,561
Production workers:								
Total.....number..	21,554	2,753	996	2,532	2,646	2,926	5,537	4,164
Man-hours.....1,000..	42,448	5,250	1,896	5,044	5,338	5,626	10,969	8,325
Wages.....\$1,000..	92,477	9,590	3,155	8,747	11,575	13,014	25,237	21,159
Value added, adjusted.....do....	1,232,883	50,873	15,394	58,880	85,905	218,177	391,542	412,112
Value of shipments.....do....	1,792,662	93,337	34,197	106,753	147,729	326,402	537,454	546,790

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963-Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2851.--PAINTS AND ALLIED PRODUCTS								
Companies.....number..	1,579	1,345	101	62	14	13	13	31
Establishments.....do....	1,788	1,356	113	92	25	43	37	122
All employees:								
Total.....do....	61,267	15,133	7,058	8,009	2,840	5,010	2,623	20,594
Payroll.....\$1,000..	401,240	94,190	45,636	51,826	19,712	34,056	17,071	138,749
Production workers:								
Total.....number..	33,825	8,447	3,898	4,093	1,394	2,550	1,340	12,103
Man-hours.....1,000..	69,113	17,240	7,889	8,397	2,992	5,415	3,026	24,154
Wages.....\$1,000..	183,533	42,203	18,800	21,067	7,435	13,765	6,852	73,411
Value added, adjusted.....do....	1,111,681	214,604	104,420	132,558	48,562	83,875	53,716	473,946
Value of shipments.....do....	2,456,361	512,493	235,493	292,148	101,779	185,778	118,549	1,010,121
INDUSTRY 2861.--GUM AND WOOD CHEMICALS								
Companies.....number..	229	196	8	8	3	4	1	9
Establishments.....do....	246	198	10	15	3	5	1	14
All employees:								
Total.....do....	6,787	1,325	468	<u>1,411</u>	(D)	(D)	(D)	3,583
Payroll.....\$1,000..	32,682	4,317	1,922	<u>5,442</u>	(D)	(D)	(D)	21,001
Production workers:								
Total.....number..	5,357	1,043	337	<u>1,239</u>	(D)	(D)	(D)	2,738
Man-hours.....1,000..	10,800	2,039	740	<u>2,542</u>	(D)	(D)	(D)	5,479
Wages.....\$1,000..	22,884	2,969	1,271	<u>4,283</u>	(D)	(D)	(D)	14,361
Value added, adjusted.....do....	100,329	11,896	3,020	<u>10,084</u>	(D)	(D)	(D)	75,329
Value of shipments.....do....	212,850	29,536	11,433	<u>28,879</u>	(D)	(D)	(D)	143,002
INDUSTRY 2871.--FERTILIZERS								
Companies.....number..	145	88	10	12	5	4	10	16
Establishments.....do....	281	88	10	14	8	5	55	101
All employees:								
Total.....do....	19,992	1,045	603	1,232	957	163	4,832	11,160
Payroll.....\$1,000..	102,294	4,588	2,872	5,362	4,845	852	23,940	59,835
Production workers:								
Total.....number..	14,842	765	437	889	670	122	3,981	7,978
Man-hours.....1,000..	31,899	1,512	941	1,938	1,278	310	8,664	17,256
Wages.....\$1,000..	70,812	2,946	1,829	2,946	3,247	612	18,776	40,456
Value added, adjusted.....do....	287,800	13,108	7,840	15,995	15,627	2,226	83,871	149,133
Value of shipments.....do....	869,213	39,819	31,551	44,099	40,208	8,251	237,687	467,598
INDUSTRY 2872.--FERTILIZERS, MIXING ONLY								
Companies.....number..	537	468	18	14	8	5	10	14
Establishments.....do....	733	484	22	32	20	17	69	89
All employees:								
Total.....do....	13,752	5,445	1,183	1,106	505	522	1,935	3,056
Payroll.....\$1,000..	59,390	23,365	4,978	4,399	2,379	2,903	7,830	13,536
Production workers:								
Total.....number..	9,343	3,659	777	819	375	384	1,437	1,892
Man-hours.....1,000..	18,714	7,494	1,582	1,532	777	795	2,867	3,667
Wages.....\$1,000..	33,673	12,672	2,584	2,871	1,457	1,953	5,282	6,854
Value added, adjusted.....do....	164,140	55,522	12,029	12,126	5,861	16,494	30,027	32,081
Value of shipments.....do....	623,070	206,539	46,039	43,447	25,789	41,549	105,095	154,612
INDUSTRY 2879.--AGRICULTURAL CHEMICALS, N.E.C.								
Companies.....number..	241	200	8	8	4	3	1	17
Establishments.....do....	340	203	11	11	4	11	1	99
All employees:								
Total.....do....	9,090	2,279	512	<u>2,240</u>	(D)	(D)	(D)	4,059
Payroll.....\$1,000..	51,465	11,726	3,089	<u>14,094</u>	(D)	(D)	(D)	22,556
Production workers:								
Total.....number..	5,280	1,315	251	<u>1,241</u>	(D)	(D)	(D)	2,473
Man-hours.....1,000..	10,633	2,632	516	<u>2,774</u>	(D)	(D)	(D)	4,711
Wages.....\$1,000..	24,415	4,901	1,147	<u>6,285</u>	(D)	(D)	(D)	12,082
Value added, adjusted.....do....	176,333	31,622	6,142	<u>32,532</u>	(D)	(D)	(D)	106,037
Value of shipments.....do....	476,661	95,320	21,207	<u>101,370</u>	(D)	(D)	(D)	258,764

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2891.--GLUE AND GELATIN								
Companies.....number..	294	236	14	7	5	4	5	23
Establishments.....do....	368	239	21	8	25	13	9	53
All employees:								
Total.....do....	8,521	2,001	747	508	2,381	(D)	(D)	2,884
Payroll.....\$1,000..	54,869	12,918	5,047	3,268	<u>14,196</u>	(D)	(D)	19,440
Production workers:								
Total.....number..	5,426	1,204	458	209	<u>1,651</u>	(D)	(D)	1,904
Man-hours.....1,000..	11,245	2,404	955	440	<u>3,413</u>	(D)	(D)	4,033
Wages.....\$1,000..	28,620	5,740	2,333	987	<u>8,125</u>	(D)	(D)	11,435
Value added, adjusted.....do....	147,006	26,715	13,051	6,145	<u>40,400</u>	(D)	(D)	60,695
Value of shipments.....do....	351,680	67,728	27,934	13,933	<u>98,760</u>	(D)	(D)	143,325
INDUSTRY 2892.--EXPLOSIVES								
Companies.....number..	41	19	4	4	1	3	-	10
Establishments.....do....	68	19	4	4	2	6	-	33
All employees:								
Total.....do....	14,814	158	231	1,294	(D)	(D)	-	13,131
Payroll.....\$1,000..	91,613	840	1,349	<u>7,095</u>	(D)	(D)	-	82,329
Production workers:								
Total.....number..	10,919	116	168	<u>978</u>	(D)	(D)	-	9,657
Man-hours.....1,000..	20,881	245	316	<u>1,823</u>	(D)	(D)	-	18,497
Wages.....\$1,000..	60,114	557	765	<u>4,595</u>	(D)	(D)	-	54,197
Value added, adjusted.....do....	165,733	1,513	3,281	<u>15,119</u>	(D)	(D)	-	145,820
Value of shipments.....do....	283,298	3,831	6,755	<u>32,259</u>	(D)	(D)	-	240,453
INDUSTRY 2893.--PRINTING INK								
Companies.....number..	216	185	8	6	3	3	1	10
Establishments.....do....	348	191	9	22	23	6	14	83
All employees:								
Total.....do....	8,455	1,848	578	1,421	(D)	802	(D)	3,806
Payroll.....\$1,000..	55,943	13,121	4,485	<u>9,333</u>	(D)	<u>5,095</u>	(D)	23,909
Production workers:								
Total.....number..	5,628	1,094	367	<u>932</u>	(D)	<u>623</u>	(D)	2,612
Man-hours.....1,000..	11,785	2,197	770	<u>1,938</u>	(D)	<u>1,366</u>	(D)	5,514
Wages.....\$1,000..	32,440	6,299	2,203	<u>5,244</u>	(D)	<u>3,827</u>	(D)	14,867
Value added, adjusted.....do....	125,138	25,272	9,062	<u>21,846</u>	(D)	<u>11,719</u>	(D)	57,239
Value of shipments.....do....	268,012	50,753	15,822	<u>42,600</u>	(D)	<u>33,835</u>	(D)	125,002
INDUSTRY 2895.--CARBON BLACK								
Companies.....number..	8	-	-	1	-	1	2	4
Establishments.....do....	33	-	-	2	-	2	6	23
All employees:								
Total.....do....	3,010	-	-	1,302	-	(D)	(D)	1,708
Payroll.....\$1,000..	20,669	-	-	<u>9,152</u>	-	(D)	(D)	11,517
Production workers:								
Total.....number..	2,287	-	-	<u>932</u>	-	(D)	(D)	1,355
Man-hours.....1,000..	4,913	-	-	<u>2,037</u>	-	(D)	(D)	2,876
Wages.....\$1,000..	14,915	-	-	<u>6,202</u>	-	(D)	(D)	8,713
Value added, adjusted.....do....	91,752	-	-	<u>37,127</u>	-	(D)	(D)	54,625
Value of shipments.....do....	149,122	-	-	<u>62,858</u>	-	(D)	(D)	86,264
INDUSTRY 2899.--CHEMICAL PREPARATIONS, N.E.C.								
Companies.....number..	1,312	1,177	44	24	14	10	6	37
Establishments.....do....	1,384	1,186	59	30	24	15	11	59
All employees:								
Total.....do....	25,788	8,057	2,677	2,490	2,523	1,857	2,165	6,019
Payroll.....\$1,000..	162,926	46,323	16,393	13,151	17,109	13,377	16,677	39,896
Production workers:								
Total.....number..	15,675	4,600	1,481	1,824	1,623	1,050	945	4,152
Man-hours.....1,000..	33,012	9,106	3,100	3,701	3,137	2,147	1,988	9,833
Wages.....\$1,000..	81,139	20,683	7,171	7,630	8,617	6,829	5,794	24,415
Value added, adjusted.....do....	505,868	122,653	38,427	38,457	45,117	51,003	45,035	165,176
Value of shipments.....do....	931,691	241,956	74,095	63,174	90,314	96,073	87,650	278,429

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² —						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
MAJOR GROUP 29.--PETROLEUM AND COAL PRODUCTS								
Companies.....number..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Establishments.....do....	1,839	1,062	112	127	53	67	78	340
All employees:								
Total.....do....	153,486	10,693	4,652	6,955	6,037	9,231	9,204	106,714
Payroll.....\$1,000..	1,133,765	68,646	29,334	45,327	43,008	60,368	60,506	826,576
Production workers:								
Total.....number..	109,448	6,720	2,930	4,931	4,102	6,207	7,146	77,412
Man-hours.....1,000..	216,679	14,699	6,287	10,761	8,885	12,437	15,050	148,560
Wages.....\$1,000..	745,123	37,710	15,701	29,602	26,198	39,958	45,021	550,933
Value added, adjusted.....do....	3,713,231	169,896	68,957	102,398	138,898	196,618	191,734	2,844,730
Value of shipments ⁴do....	17,994,742	473,577	239,322	504,627	593,197	727,212	883,903	14,572,904
INDUSTRY 2911.--PETROLEUM REFINING								
Companies.....number..	266	152	20	26	15	16	10	27
Establishments.....do....	427	154	21	32	19	27	26	148
All employees:								
Total.....do....	119,297	1,747	1,218	3,668	3,487	7,252	5,496	96,429
Payroll.....\$1,000..	922,319	10,927	8,133	25,077	26,474	49,252	39,997	762,459
Production workers:								
Total.....number..	85,929	1,122	863	2,779	2,559	5,042	4,280	69,284
Man-hours.....1,000..	166,409	2,395	1,769	5,890	5,490	10,126	9,296	131,443
Wages.....\$1,000..	614,318	6,600	5,031	18,563	17,522	33,675	29,999	502,928
Value added, adjusted.....do....	3,137,603	24,235	18,452	55,738	105,040	167,419	140,283	2,626,436
Value of shipments.....do....	16,496,896	100,999	115,043	395,552	509,148	649,153	738,886	13,988,115
INDUSTRY 2951.--PAVING MIXTURES AND BLOCKS								
Companies.....number..	528	464	29	18	3	2	3	9
Establishments.....do....	762	516	55	62	17	7	7	98
All employees:								
Total.....do....	9,680	4,993	1,622	1,247	817	(D)	(D)	1,001
Payroll.....\$1,000..	62,065	32,631	9,900	7,243	5,602	(D)	(D)	6,689
Production workers:								
Total.....number..	6,746	3,343	1,052	913	659	(D)	(D)	779
Man-hours.....1,000..	15,076	7,388	2,389	2,057	1,594	(D)	(D)	1,648
Wages.....\$1,000..	40,014	19,863	6,300	4,536	4,279	(D)	(D)	5,036
Value added, adjusted.....do....	165,584	86,948	23,461	18,739	15,003	(D)	(D)	21,433
Value of shipments.....do....	427,460	221,291	51,112	44,759	43,191	(D)	(D)	67,107
INDUSTRY 2952.--ASPHALT FELTS AND COATINGS								
Companies.....number..	126	77	15	11	5	2	6	10
Establishments.....do....	230	78	16	20	7	23	34	52
All employees:								
Total.....do....	14,581	1,653	(D)	1,147	1,875	(D)	2,901	7,005
Payroll.....\$1,000..	82,477	8,609	(D)	6,515	9,528	(D)	15,705	42,120
Production workers:								
Total.....number..	10,894	1,132	(D)	835	881	(D)	2,345	5,701
Man-hours.....1,000..	23,046	2,275	(D)	1,893	1,882	(D)	4,798	12,198
Wages.....\$1,000..	57,328	4,326	(D)	4,029	4,189	(D)	12,177	32,607
Value added, adjusted.....do....	189,981	17,979	(D)	15,536	19,909	(D)	36,340	100,217
Value of shipments.....do....	527,632	46,458	(D)	37,050	59,622	(D)	92,827	291,675
INDUSTRY 2992.--LUBRICATING OILS AND GREASES								
Companies.....number..	311	261	14	8	5	5	6	12
Establishments.....do....	353	263	19	13	7	9	6	36
All employees:								
Total.....do....	8,433	2,680	985	893	729	1,004	361	1,781
Payroll.....\$1,000..	57,946	18,162	7,033	6,492	6,029	6,088	1,831	12,311
Production workers:								
Total.....number..	4,701	1,375	443	404	351	711	161	1,256
Man-hours.....1,000..	9,778	3,116	963	921	706	1,340	239	2,493
Wages.....\$1,000..	27,007	7,481	2,161	2,474	2,064	4,019	535	8,273
Value added, adjusted.....do....	199,074	42,375	18,675	12,385	12,836	15,978	6,322	90,503
Value of shipments.....do....	471,229	105,775	51,238	27,266	28,428	33,604	15,089	209,829

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2999.--PETROLEUM AND COAL PRODUCTS, N.E.C.								
Companies.....number..	59	49	1	-	2	1	2	4
Establishments.....do....	67	51	1	-	3	1	5	6
All employees:								
Total.....do.....	1,495	997	(D)	-	(D)	(D)	(D)	498
Payroll.....\$1,000..	8,958	<u>5,961</u>	(D)	-	(D)	(D)	(D)	2,997
Production workers:								
Total.....number..	1,178	786	(D)	-	(D)	(D)	(D)	392
Man-hours.....1,000..	2,370	<u>1,592</u>	(D)	-	(D)	(D)	(D)	778
Wages.....\$1,000..	6,456	<u>4,367</u>	(D)	-	(D)	(D)	(D)	2,089
Value added, adjusted.....do....	20,989	<u>14,848</u>	(D)	-	(D)	(D)	(D)	6,141
Value of shipments.....do....	71,525	<u>55,347</u>	(D)	-	(D)	(D)	(D)	16,178
MAJOR GROUP 30.--RUBBER AND PLASTICS PRODUCTS, N.E.C.								
Companies.....number..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Establishments.....do....	5,728	4,058	461	383	145	126	145	410
All employees:								
Total.....do.....	414,959	47,904	29,007	44,255	29,725	30,677	39,768	193,623
Payroll.....\$1,000..	2,364,033	219,476	144,026	224,448	150,836	165,021	222,794	1,237,432
Production workers:								
Total.....number..	328,785	38,894	23,865	36,074	23,968	24,143	31,677	150,164
Man-hours.....1,000..	658,464	75,625	47,501	74,761	47,925	49,168	63,488	299,996
Wages.....\$1,000..	1,672,376	150,100	96,842	155,051	102,860	114,947	156,843	895,733
Value added, adjusted.....do....	4,653,953	442,961	272,851	421,643	280,694	285,525	419,020	2,531,259
Value of shipments ⁴do....	9,116,230	842,515	515,632	798,857	508,135	523,161	809,054	5,118,876
INDUSTRY 3011.--TIRES AND INNER TUBES								
Companies.....number..	105	65	6	8	6	4	6	10
Establishments.....do....	155	65	6	13	7	4	13	47
All employees:								
Total.....do.....	85,259	723	418	1,250	1,508	1,187	7,043	73,130
Payroll.....\$1,000..	621,741	4,514	3,035	6,133	9,255	9,684	51,917	537,203
Production workers:								
Total.....number..	66,268	511	308	1,049	1,167	855	5,568	56,810
Man-hours.....1,000..	131,783	1,111	639	2,154	2,399	1,954	11,271	112,255
Wages.....\$1,000..	460,145	2,554	1,676	4,376	6,466	6,172	37,445	401,456
Value added, adjusted.....do....	1,321,712	10,202	5,094	15,899	16,565	8,249	119,095	1,146,608
Value of shipments.....do....	2,949,673	21,897	12,000	35,380	38,930	33,909	249,110	2,558,447
INDUSTRY 3021.--RUBBER FOOTWEAR								
Companies.....number..	44	8	5	10	8	2	5	6
Establishments.....do....	53	8	5	10	8	2	9	11
All employees:								
Total.....do.....	29,147	91	364	1,554	<u>27,138</u>	(D)	(D)	(D)
Payroll.....\$1,000..	130,361	289	1,608	5,753	<u>122,711</u>	(D)	(D)	(D)
Production workers:								
Total.....number..	25,951	73	305	1,428	<u>24,145</u>	(D)	(D)	(D)
Man-hours.....1,000..	48,168	146	542	2,634	<u>44,846</u>	(D)	(D)	(D)
Wages.....\$1,000..	105,763	219	1,025	4,612	<u>99,907</u>	(D)	(D)	(D)
Value added, adjusted.....do....	216,959	595	2,601	10,105	<u>203,658</u>	(D)	(D)	(D)
Value of shipments.....do....	354,239	982	4,250	18,221	<u>330,786</u>	(D)	(D)	(D)
INDUSTRY 3031.--RECLAIMED RUBBER								
Companies.....number..	7	1	-	-	1	1	-	4
Establishments.....do....	13	1	-	-	2	4	-	6
All employees:								
Total.....do.....	2,010	<u>2,010</u>	-	-	(D)	(D)	-	(D)
Payroll.....\$1,000..	13,598	<u>13,598</u>	-	-	(D)	(D)	-	(D)
Production workers:								
Total.....number..	1,658	<u>1,658</u>	-	-	(D)	(D)	-	(D)
Man-hours.....1,000..	3,145	<u>3,145</u>	-	-	(D)	(D)	-	(D)
Wages.....\$1,000..	10,413	<u>10,413</u>	-	-	(D)	(D)	-	(D)
Value added, adjusted.....do....	27,378	<u>27,378</u>	-	-	(D)	(D)	-	(D)
Value of shipments.....do....	48,879	<u>48,879</u>	-	-	(D)	(D)	-	(D)

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3069.--RUBBER PRODUCTS, N.E.C.								
Companies.....number..	1,046	705	105	91	37	31	26	51
Establishments.....do....	1,173	709	112	102	46	49	38	117
All employees:								
Total.....do....	132,228	9,218	6,928	12,682	10,062	15,866	12,842	64,630
Payroll.....\$1,000..	760,761	45,373	36,420	67,664	55,563	85,462	71,212	399,067
Production workers:								
Total.....number..	100,581	7,279	5,632	10,135	7,842	12,430	9,756	47,507
Man-hours.....1,000..	203,392	14,390	11,472	20,995	15,971	25,388	19,608	95,568
Wages.....\$1,000..	516,065	29,397	23,966	47,150	37,152	60,020	48,526	269,854
Value added, adjusted.....do....	1,427,022	98,416	70,650	116,310	96,095	154,368	143,856	747,327
Value of shipments.....do....	2,597,999	188,708	127,287	210,722	163,205	264,679	241,416	1,401,982
INDUSTRY 3079.--PLASTICS PRODUCTS, N.E.C.								
Companies.....number..	4,101	3,260	319	226	65	52	66	113
Establishments.....do....	4,334	3,275	338	258	82	67	85	229
All employees:								
Total.....do....	166,315	37,826	21,297	28,769	14,857	11,548	12,252	39,766
Payroll.....\$1,000..	837,572	169,114	102,963	144,898	73,988	59,381	67,256	219,972
Production workers:								
Total.....number..	134,327	30,990	17,620	23,462	12,090	9,051	9,703	31,411
Man-hours.....1,000..	271,976	59,909	34,848	48,978	24,329	18,393	20,302	65,217
Wages.....\$1,000..	579,990	117,802	70,175	98,913	50,054	40,559	47,551	154,936
Value added, adjusted.....do....	1,660,882	333,232	194,506	279,329	151,421	108,659	109,903	483,832
Value of shipments.....do....	3,165,440	630,173	372,095	534,534	273,579	198,218	227,344	929,497
MAJOR GROUP 31.--LEATHER AND LEATHER PRODUCTS								
Companies.....number..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Establishments.....do....	4,047	2,592	380	398	234	104	112	227
All employees:								
Total.....do....	327,489	32,986	26,462	57,349	61,968	38,185	38,060	72,479
Payroll.....\$1,000..	1,227,824	123,033	100,406	215,392	239,692	138,476	148,512	262,313
Production workers:								
Total.....number..	292,339	28,534	23,385	50,633	55,393	33,716	33,753	66,925
Man-hours.....1,000..	543,094	54,013	42,921	93,588	102,063	63,318	62,487	124,704
Wages.....\$1,000..	982,096	95,317	77,547	165,081	188,349	107,879	118,729	229,194
Value added, adjusted.....do....	2,078,572	209,870	157,796	334,717	376,526	230,830	249,180	519,653
Value of shipments ⁴do....	4,209,614	480,409	318,946	691,756	762,433	427,251	496,404	1,032,415
INDUSTRY 3111.--LEATHER TANNING AND FINISHING								
Companies.....number..	482	346	62	40	19	3	5	7
Establishments.....do....	525	346	62	45	29	3	13	27
All employees:								
Total.....do....	31,417	4,381	4,142	6,124	7,316	(D)	3,339	6,115
Payroll.....\$1,000..	163,307	21,171	20,318	32,456	40,873	(D)	17,123	31,366
Production workers:								
Total.....number..	27,282	3,704	3,701	5,279	6,462	(D)	2,681	5,455
Man-hours.....1,000..	54,556	7,015	7,253	10,784	13,505	(D)	5,552	10,447
Wages.....\$1,000..	129,756	15,575	16,735	24,954	33,024	(D)	13,005	26,463
Value added, adjusted.....do....	273,092	40,236	32,604	51,085	72,380	(D)	28,739	48,048
Value of shipments.....do....	758,408	123,405	73,729	138,326	178,986	(D)	89,824	154,138
INDUSTRY 3121.--INDUSTRIAL LEATHER BELTING								
Companies.....number..	81	73	2	2	-	1	2	1
Establishments.....do....	83	73	2	3	-	1	2	2
All employees:								
Total.....do....	2,870	2,870	(D)	(D)	-	(D)	(D)	(D)
Payroll.....\$1,000..	15,897	15,897	(D)	(D)	-	(D)	(D)	(D)
Production workers:								
Total.....number..	2,099	2,099	(D)	(D)	-	(D)	(D)	(D)
Man-hours.....1,000..	4,198	4,198	(D)	(D)	-	(D)	(D)	(D)
Wages.....\$1,000..	9,723	9,723	(D)	(D)	-	(D)	(D)	(D)
Value added, adjusted.....do....	32,915	32,915	(D)	(D)	-	(D)	(D)	(D)
Value of shipments.....do....	51,869	51,869	(D)	(D)	-	(D)	(D)	(D)

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3131.--FOOTWEAR CUT STOCK								
Companies.....number..	414	329	41	27	2	1	3	11
Establishments.....do....	446	329	42	32	3	2	4	34
All employees:								
Total.....do.....	14,339	4,711	2,719	<u>3,864</u>	(D)	(D)	169	2,876
Payroll.....\$1,000..	53,420	17,665	10,820	<u>14,457</u>	(D)	(D)	679	9,799
Production workers:								
Total.....number..	12,600	4,051	2,371	<u>3,405</u>	(D)	(D)	151	2,622
Man-hours.....1,000..	23,694	7,788	4,425	<u>6,384</u>	(D)	(D)	303	4,794
Wages.....\$1,000..	40,867	13,154	7,536	<u>10,866</u>	(D)	(D)	581	8,730
Value added, adjusted.....do....	90,611	29,566	17,840	<u>22,855</u>	(D)	(D)	1,199	19,151
Value of shipments.....do....	229,253	75,832	36,927	<u>51,608</u>	(D)	(D)	3,442	61,444
INDUSTRY 3141.--SHOES, EXCEPT RUBBER								
Companies.....number..	784	327	92	166	122	44	22	11
Establishments.....do....	1,040	327	92	169	140	72	79	161
All employees:								
Total.....do.....	201,728	4,676	7,037	27,326	42,009	30,059	31,217	59,404
Payroll.....\$1,000..	713,577	15,246	23,858	97,910	151,959	108,937	116,322	199,345
Production workers:								
Total.....number..	182,901	4,144	6,204	24,242	37,608	26,821	28,266	55,616
Man-hours.....1,000..	334,969	7,337	10,859	43,860	67,833	50,340	51,526	103,214
Wages.....\$1,000..	589,369	12,452	18,919	75,737	120,694	86,119	95,998	179,450
Value added, adjusted.....do....	1,214,740	24,250	36,937	149,961	224,096	176,783	193,346	409,367
Value of shipments.....do....	2,249,167	52,450	65,233	274,643	417,872	324,621	360,023	754,325
INDUSTRY 3142.--HOUSE SLIPPERS								
Companies.....number..	149	83	28	22	12	2	1	1
Establishments.....do....	153	83	28	23	15	2	1	1
All employees:								
Total.....do.....	11,039	1,199	1,937	3,204	<u>4,699</u>	(D)	(D)	(D)
Payroll.....\$1,000..	39,782	4,219	6,420	11,356	<u>17,787</u>	(D)	(D)	(D)
Production workers:								
Total.....number..	9,894	1,085	1,763	2,845	<u>4,201</u>	(D)	(D)	(D)
Man-hours.....1,000..	17,254	2,027	2,996	4,907	<u>7,324</u>	(D)	(D)	(D)
Wages.....\$1,000..	30,382	3,524	5,202	8,467	<u>13,189</u>	(D)	(D)	(D)
Value added, adjusted.....do....	64,555	6,470	9,676	17,608	<u>30,801</u>	(D)	(D)	(D)
Value of shipments.....do....	123,560	13,139	17,677	34,220	<u>58,524</u>	(D)	(D)	(D)
INDUSTRY 3151.--LEATHER GLOVES								
Companies.....number..	160	115	20	16	3	3	3	-
Establishments.....do....	166	115	20	20	4	3	4	-
All employees:								
Total.....do.....	7,718	1,696	1,363	2,268	525	1,265	601	-
Payroll.....\$1,000..	24,439	5,396	4,465	6,777	1,570	4,393	1,838	-
Production workers:								
Total.....number..	6,899	1,490	1,247	2,053	465	1,074	570	-
Man-hours.....1,000..	12,244	2,543	2,198	3,621	828	1,891	1,163	-
Wages.....\$1,000..	19,481	4,481	3,471	5,350	1,223	3,227	1,729	-
Value added, adjusted.....do....	32,194	7,794	6,751	7,759	1,764	5,466	2,660	-
Value of shipments.....do....	80,640	17,263	15,115	21,958	4,746	14,513	7,045	-
INDUSTRY 3161.--LUGGAGE								
Companies.....number..	377	302	29	30	10	3	1	2
Establishments.....do....	379	302	29	31	10	4	1	2
All employees:								
Total.....do.....	16,409	3,636	1,947	3,970	<u>6,856</u>	(D)	(D)	(D)
Payroll.....\$1,000..	62,853	13,031	6,975	14,197	<u>28,650</u>	(D)	(D)	(D)
Production workers:								
Total.....number..	14,134	3,180	1,713	3,438	<u>5,803</u>	(D)	(D)	(D)
Man-hours.....1,000..	26,340	6,131	3,175	6,254	<u>10,780</u>	(D)	(D)	(D)
Wages.....\$1,000..	46,715	10,674	5,183	10,738	<u>20,120</u>	(D)	(D)	(D)
Value added, adjusted.....do....	112,796	22,460	11,537	22,386	<u>56,413</u>	(D)	(D)	(D)
Value of shipments.....do....	210,303	43,254	21,432	50,305	<u>95,312</u>	(D)	(D)	(D)

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company

Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3171.--HANDBAGS AND PURSES								
Companies.....number..	539	410	57	50	16	5	1	-
Establishments.....do....	545	410	58	51	18	7	1	-
All employees:								
Total.....do....	24,548	6,370	3,953	7,343	5,432	<u>1,450</u>	(D)	-
Payroll.....\$1,000..	88,455	22,337	14,728	25,710	20,364	<u>5,316</u>	(D)	-
Production workers:								
Total.....number..	22,001	5,683	3,582	6,565	4,979	<u>1,192</u>	(D)	-
Man-hours.....1,000..	41,752	10,706	6,822	12,413	9,699	<u>2,112</u>	(D)	-
Wages.....\$1,000..	70,058	18,466	11,712	20,215	15,925	<u>3,740</u>	(D)	-
Value added, adjusted.....do....	142,554	38,284	22,420	39,903	32,827	<u>9,120</u>	(D)	-
Value of shipments.....do....	280,343	72,831	46,311	78,479	64,070	<u>18,652</u>	(D)	-
INDUSTRY 3172.--SMALL LEATHER GOODS								
Companies.....number..	325	268	29	18	3	4	3	-
Establishments.....do....	340	268	29	18	14	5	6	-
All employees:								
Total.....do....	12,432	2,813	2,103	<u>3,228</u>	(D)	<u>4,288</u>	(D)	-
Payroll.....\$1,000..	47,352	9,441	7,880	<u>12,184</u>	(D)	<u>17,847</u>	(D)	-
Production workers:								
Total.....number..	10,320	2,406	1,775	<u>2,814</u>	(D)	<u>3,325</u>	(D)	-
Man-hours.....1,000..	19,580	4,587	3,316	<u>5,446</u>	(D)	<u>6,231</u>	(D)	-
Wages.....\$1,000..	32,077	7,277	5,369	<u>8,829</u>	(D)	<u>10,602</u>	(D)	-
Value added, adjusted.....do....	82,385	15,647	12,400	<u>21,720</u>	(D)	<u>32,618</u>	(D)	-
Value of shipments.....do....	159,013	33,218	26,800	<u>44,656</u>	(D)	<u>54,339</u>	(D)	-
INDUSTRY 3199.--LEATHER GOODS, N.E.C.								
Companies.....number..	365	339	17	5	1	2	1	-
Establishments.....do....	370	339	18	6	1	5	1	-
All employees:								
Total.....do....	4,989	<u>3,866</u>	(D)	<u>1,123</u>	(D)	(D)	(D)	-
Payroll.....\$1,000..	18,742	<u>14,653</u>	(D)	<u>4,089</u>	(D)	(D)	(D)	-
Production workers:								
Total.....number..	4,209	<u>3,186</u>	(D)	<u>1,023</u>	(D)	(D)	(D)	-
Man-hours.....1,000..	8,507	<u>6,490</u>	(D)	<u>2,017</u>	(D)	(D)	(D)	-
Wages.....\$1,000..	13,668	<u>10,451</u>	(D)	<u>3,217</u>	(D)	(D)	(D)	-
Value added, adjusted.....do....	32,730	<u>25,516</u>	(D)	<u>7,214</u>	(D)	(D)	(D)	-
Value of shipments.....do....	67,058	<u>49,790</u>	(D)	<u>17,268</u>	(D)	(D)	(D)	-
MAJOR GROUP 32.--STONE, CLAY, AND GLASS PRODUCTS								
Companies.....number..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Establishments.....do....	15,838	12,359	864	700	348	296	358	913
All employees:								
Total.....do....	573,859	120,642	45,559	54,419	38,858	36,711	55,734	221,936
Payroll.....\$1,000..	3,212,495	599,142	237,053	284,659	207,272	207,596	308,163	1,368,610
Production workers:								
Total.....number..	455,818	88,073	35,099	43,488	31,668	29,364	45,961	182,165
Man-hours.....1,000..	928,948	180,541	72,294	89,724	64,618	59,683	93,235	368,853
Wages.....\$1,000..	2,350,223	391,409	160,267	199,591	151,723	150,077	235,139	1,062,017
Value added, adjusted.....do....	7,043,987	1,269,481	443,611	563,102	414,752	462,025	676,998	3,214,018
Value of shipments ⁴do....	12,289,091	2,583,321	870,576	1,014,580	712,803	768,890	1,116,712	5,222,209
INDUSTRY 3211.--FLAT GLASS								
Companies.....number..	11	3	-	1	1	1	1	4
Establishments.....do....	31	3	-	1	1	3	3	20
All employees:								
Total.....do....	22,815	<u>2,150</u>	-	(D)	(D)	(D)	(D)	20,665
Payroll.....\$1,000..	172,214	<u>13,826</u>	-	(D)	(D)	(D)	(D)	158,388
Production workers:								
Total.....number..	19,440	<u>1,843</u>	-	(D)	(D)	(D)	(D)	17,597
Man-hours.....1,000..	39,704	<u>3,719</u>	-	(D)	(D)	(D)	(D)	35,985
Wages.....\$1,000..	143,752	<u>11,421</u>	-	(D)	(D)	(D)	(D)	132,331
Value added, adjusted.....do....	364,466	<u>25,530</u>	-	(D)	(D)	(D)	(D)	338,936
Value of shipments.....do....	549,390	<u>35,257</u>	-	(D)	(D)	(D)	(D)	514,133

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3221.--GLASS CONTAINERS								
Companies.....number..	40	8	-	3	6	5	4	14
Establishments.....do....	113	8	-	3	6	12	6	78
All employees:								
Total.....do....	59,987	51	-	440	1,707	3,825	3,611	50,353
Payroll.....\$1,000..	327,956	311	-	2,115	10,969	20,692	18,665	275,203
Production workers:								
Total.....number..	53,476	47	-	381	1,503	3,414	3,399	44,732
Man-hours.....1,000..	107,055	98	-	779	3,162	7,120	6,965	88,931
Wages.....\$1,000..	278,691	256	-	1,580	8,892	16,798	16,404	234,761
Value added, adjusted.....do....	629,608	505	-	3,951	26,130	34,667	35,060	529,295
Value of shipments.....do....	1,004,464	869	-	7,380	40,466	61,949	57,233	836,567
INDUSTRY 3229.--PRESSED AND BLOWN GLASS, N.E.C.								
Companies.....number..	75	21	7	21	5	6	5	10
Establishments.....do....	107	21	7	21	5	6	6	41
All employees:								
Total.....do....	37,999	420	424	3,412	1,974	2,387	1,678	27,704
Payroll.....\$1,000..	207,292	1,868	1,944	15,068	9,085	13,105	7,975	158,247
Production workers:								
Total.....number..	33,057	358	367	3,076	1,727	2,015	1,393	24,121
Man-hours.....1,000..	64,855	687	721	5,430	3,279	3,765	2,717	48,256
Wages.....\$1,000..	167,921	1,572	1,368	12,320	7,236	10,209	6,029	129,187
Value added, adjusted.....do....	472,212	2,803	2,726	22,305	14,542	24,473	11,997	393,366
Value of shipments.....do....	630,945	3,850	3,571	28,967	19,632	34,779	17,625	522,521
INDUSTRY 3231.--PRODUCTS OF PURCHASED GLASS								
Companies.....number..	1,016	899	58	34	6	4	3	12
Establishments.....do....	1,044	901	62	42	7	6	4	22
All employees:								
Total.....do....	26,158	7,780	4,087	4,365	<u>3,030</u>	(D)	(D)	6,896
Payroll.....\$1,000..	138,275	36,188	18,805	21,864	<u>14,856</u>	(D)	(D)	46,562
Production workers:								
Total.....number..	21,669	6,238	3,491	3,595	<u>2,530</u>	(D)	(D)	5,815
Man-hours.....1,000..	43,384	12,249	6,957	7,466	<u>5,120</u>	(D)	(D)	11,592
Wages.....\$1,000..	103,890	25,917	13,831	15,895	<u>10,674</u>	(D)	(D)	37,573
Value added, adjusted.....do....	309,734	66,338	31,831	41,074	<u>37,834</u>	(D)	(D)	132,657
Value of shipments.....do....	627,327	129,486	62,880	83,947	<u>74,029</u>	(D)	(D)	276,985
INDUSTRY 3241.--CEMENT, HYDRAULIC								
Companies.....number..	55	5	5	7	10	6	11	11
Establishments.....do....	188	5	5	7	12	15	72	72
All employees:								
Total.....do....	34,863	36	358	1,271	3,174	3,339	12,436	14,249
Payroll.....\$1,000..	227,385	181	2,343	8,357	20,652	21,986	79,118	94,748
Production workers:								
Total.....number..	28,719	28	282	925	2,729	2,867	10,640	11,248
Man-hours.....1,000..	57,579	57	597	1,905	5,235	5,810	21,507	22,468
Wages.....\$1,000..	173,891	119	1,598	5,001	16,610	17,589	64,372	68,602
Value added, adjusted.....do....	785,681	533	7,399	32,207	62,505	87,456	273,556	322,025
Value of shipments.....do....	1,176,913	773	12,559	43,706	95,334	119,395	416,273	488,873
INDUSTRY 3251.--BRICK AND STRUCTURAL TILE								
Companies.....number..	401	226	97	46	21	7	2	2
Establishments.....do....	512	226	100	70	51	33	28	4
All employees:								
Total.....do....	28,620	4,897	6,532	6,013	5,864	<u>5,314</u>	(D)	(D)
Payroll.....\$1,000..	130,378	20,748	30,010	26,995	28,226	<u>24,399</u>	(D)	(D)
Production workers:								
Total.....number..	24,665	4,154	5,610	5,261	5,020	<u>4,620</u>	(D)	(D)
Man-hours.....1,000..	51,237	8,406	11,601	10,844	10,670	<u>9,716</u>	(D)	(D)
Wages.....\$1,000..	102,597	16,088	23,060	21,630	21,743	<u>20,076</u>	(D)	(D)
Value added, adjusted.....do....	216,548	31,902	49,171	45,075	49,456	<u>40,944</u>	(D)	(D)
Value of shipments.....do....	325,093	49,141	73,939	71,142	70,961	<u>59,910</u>	(D)	(D)

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company

Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3253.--CERAMIC WALL AND FLOOR TILE								
Companies.....number..	72	36	5	17	7	3	2	2
Establishments.....do....	90	36	5	18	8	7	10	6
All employees:								
Total.....do....	12,795	536	376	3,042	8,841	(D)	(D)	(D)
Payroll.....\$1,000..	63,745	2,084	1,513	12,761	47,387	(D)	(D)	(D)
Production workers:								
Total.....number..	10,409	470	326	2,558	7,055	(D)	(D)	(D)
Man-hours.....1,000..	21,002	918	656	5,241	14,187	(D)	(D)	(D)
Wages.....\$1,000..	43,794	1,578	1,223	9,065	31,928	(D)	(D)	(D)
Value added, adjusted.....do....	110,571	3,382	2,523	22,003	82,663	(D)	(D)	(D)
Value of shipments.....do....	164,668	5,153	4,230	35,681	119,604	(D)	(D)	(D)
INDUSTRY 3255.--CLAY REFRACTORIES								
Companies.....number..	80	40	9	12	3	4	3	9
Establishments.....do....	150	40	10	18	8	9	17	48
All employees:								
Total.....do....	11,431	532	501	1,502	624	934	2,049	5,289
Payroll.....\$1,000..	64,822	2,613	2,673	9,744	3,457	5,486	11,514	29,335
Production workers:								
Total.....number..	9,402	439	428	1,138	533	749	1,517	4,598
Man-hours.....1,000..	18,139	803	761	2,308	964	1,493	2,916	8,894
Wages.....\$1,000..	49,648	2,006	1,989	6,640	2,767	4,296	7,582	24,368
Value added, adjusted.....do....	118,248	4,937	3,824	19,866	4,221	8,226	18,800	58,374
Value of shipments.....do....	192,230	9,525	5,477	29,890	7,202	14,158	27,718	98,260
INDUSTRY 3259.--STRUCTURAL CLAY PRODUCTS, N.E.C.								
Companies.....number..	126	77	18	12	7	5	3	4
Establishments.....do....	164	77	18	15	13	17	10	14
All employees:								
Total.....do....	12,188	1,081	1,118	1,646	1,650	4,450	(D)	2,243
Payroll.....\$1,000..	61,977	5,229	5,395	8,061	8,696	23,156	(D)	11,440
Production workers:								
Total.....number..	10,364	880	933	1,375	1,363	3,790	(D)	2,023
Man-hours.....1,000..	21,142	1,787	1,956	2,696	2,700	7,932	(D)	4,071
Wages.....\$1,000..	48,727	3,809	4,208	6,230	6,276	18,429	(D)	9,775
Value added, adjusted.....do....	108,442	7,790	7,141	12,059	11,869	48,687	(D)	20,896
Value of shipments.....do....	159,724	11,974	10,628	18,397	18,763	69,268	(D)	30,694
INDUSTRY 3261.--VITREOUS PLUMBING FIXTURES								
Companies.....number..	34	10	6	6	2	1	2	7
Establishments.....do....	49	10	6	6	2	3	4	18
All employees:								
Total.....do....	9,280	146	412	2,911	(D)	(D)	(D)	5,811
Payroll.....\$1,000..	56,794	603	1,957	16,390	(D)	(D)	(D)	37,844
Production workers:								
Total.....number..	7,893	127	363	2,506	(D)	(D)	(D)	4,897
Man-hours.....1,000..	15,519	256	715	4,763	(D)	(D)	(D)	9,785
Wages.....\$1,000..	46,588	487	1,596	13,540	(D)	(D)	(D)	30,965
Value added, adjusted.....do....	101,502	840	2,457	30,059	(D)	(D)	(D)	68,146
Value of shipments.....do....	155,658	1,394	3,638	48,960	(D)	(D)	(D)	101,666
INDUSTRY 3262.--VITREOUS CHINA FOOD UTENSILS								
Companies.....number..	26	12	2	4	4	1	3	-
Establishments.....do....	31	12	2	4	5	2	6	-
All employees:								
Total.....do....	6,314	317	(D)	597	1,863	(D)	3,537	-
Payroll.....\$1,000..	29,552	1,159	(D)	2,513	8,080	(D)	17,800	-
Production workers:								
Total.....number..	5,288	283	(D)	535	1,628	(D)	2,842	-
Man-hours.....1,000..	9,817	457	(D)	1,024	2,863	(D)	5,473	-
Wages.....\$1,000..	21,773	898	(D)	2,091	6,094	(D)	12,690	-
Value added, adjusted.....do....	42,504	1,990	(D)	3,280	10,478	(D)	26,756	-
Value of shipments.....do....	50,954	2,222	(D)	4,085	12,758	(D)	31,889	-

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3263.--FINE EARTHENWARE FOOD UTENSILS								
Companies.....number..	20	5	1	5	3	3	3	-
Establishments.....do....	21	5	1	5	3	3	4	-
All employees:								
Total.....do....	7,349	182	(D)	819	923	2,025	3,400	-
Payroll.....\$1,000..	31,614	<u>656</u>	(D)	3,577	3,958	9,000	14,423	-
Production workers:								
Total.....number..	6,594	161	(D)	721	775	1,793	3,144	-
Man-hours.....1,000..	12,319	<u>303</u>	(D)	1,488	1,430	3,425	5,673	-
Wages.....\$1,000..	26,416	<u>508</u>	(D)	2,996	3,012	7,454	12,446	-
Value added, adjusted.....do....	41,046	<u>769</u>	(D)	4,444	5,298	12,010	18,525	-
Value of shipments.....do....	59,046	<u>1,399</u>	(D)	6,967	7,364	16,658	26,658	-
INDUSTRY 3264.--PORCELAIN ELECTRICAL SUPPLIES								
Companies.....number..	74	38	7	7	3	2	6	11
Establishments.....do....	79	38	7	7	3	3	7	14
All employees:								
Total.....do....	10,170	426	573	<u>2,538</u>	(D)	(D)	907	5,726
Payroll.....\$1,000..	57,401	2,087	2,633	<u>13,680</u>	(D)	(D)	4,756	34,245
Production workers:								
Total.....number..	8,028	339	460	<u>2,167</u>	(D)	(D)	720	4,342
Man-hours.....1,000..	15,917	684	876	<u>4,443</u>	(D)	(D)	1,477	8,437
Wages.....\$1,000..	41,120	1,394	1,701	<u>10,573</u>	(D)	(D)	3,300	24,152
Value added, adjusted.....do....	90,001	2,996	3,904	<u>21,826</u>	(D)	(D)	7,137	54,138
Value of shipments.....do....	131,790	4,254	5,259	<u>32,847</u>	(D)	(D)	12,307	77,123
INDUSTRY 3269.--POTTERY PRODUCTS, N.E.C.								
Companies.....number..	449	406	20	11	7	3	1	1
Establishments.....do....	458	408	22	12	10	4	1	1
All employees:								
Total.....do....	9,085	3,164	1,334	1,578	<u>3,009</u>	(D)	(D)	(D)
Payroll.....\$1,000..	37,508	11,555	4,989	6,130	<u>14,834</u>	(D)	(D)	(D)
Production workers:								
Total.....number..	7,539	2,696	1,175	1,373	<u>2,295</u>	(D)	(D)	(D)
Man-hours.....1,000..	14,920	4,956	2,235	2,817	<u>4,912</u>	(D)	(D)	(D)
Wages.....\$1,000..	27,805	8,851	4,032	4,726	<u>10,196</u>	(D)	(D)	(D)
Value added, adjusted.....do....	62,107	19,985	8,364	9,707	<u>24,051</u>	(D)	(D)	(D)
Value of shipments.....do....	95,541	28,467	12,613	16,119	<u>38,342</u>	(D)	(D)	(D)
INDUSTRY 3271.--CONCRETE BLOCK AND BRICK								
Companies.....number..	1,786	1,680	66	17	10	4	5	4
Establishments.....do....	1,841	1,691	81	23	18	5	14	9
All employees:								
Total.....do....	23,759	17,222	3,914	913	808	96	386	420
Payroll.....\$1,000..	119,543	83,467	20,940	4,575	5,234	508	1,697	3,122
Production workers:								
Total.....number..	16,702	12,139	2,753	623	557	75	314	241
Man-hours.....1,000..	36,081	26,265	5,825	1,380	1,251	179	648	533
Wages.....\$1,000..	72,748	50,742	12,542	2,731	3,228	389	1,218	1,898
Value added, adjusted.....do....	245,525	173,739	39,062	8,398	13,141	1,455	4,514	5,216
Value of shipments.....do....	505,194	361,953	81,346	17,942	20,786	3,723	9,453	9,991
INDUSTRY 3272.--OTHER CONCRETE PRODUCTS								
Companies.....number..	3,130	2,910	112	69	18	4	7	10
Establishments.....do....	3,451	2,936	140	119	59	12	45	140
All employees:								
Total.....do....	52,297	23,176	7,193	7,545	<u>4,295</u>	(D)	3,187	6,901
Payroll.....\$1,000..	266,706	107,343	37,859	40,818	<u>23,654</u>	(D)	18,722	38,310
Production workers:								
Total.....number..	41,093	17,887	5,716	6,169	<u>3,385</u>	(D)	2,329	5,607
Man-hours.....1,000..	87,256	37,795	12,267	13,314	<u>7,174</u>	(D)	4,948	11,758
Wages.....\$1,000..	190,945	75,289	26,590	29,681	<u>16,284</u>	(D)	12,651	30,450
Value added, adjusted.....do....	539,967	210,630	69,975	83,114	<u>50,774</u>	(D)	37,239	88,235
Value of shipments.....do....	925,677	351,889	120,409	138,906	<u>87,653</u>	(D)	69,429	157,391

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963--Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3273.--READY MIXED CONCRETE								
Companies.....number..	3,999	3,701	171	79	22	8	8	10
Establishments.....do....	4,621	3,899	249	178	70	88	47	90
All employees:								
Total.....do....	71,523	41,707	10,570	8,773	3,518	1,882	2,217	2,356
Payroll.....\$1,000..	410,539	227,097	62,212	55,728	20,659	10,948	14,691	19,204
Production workers:								
Total.....number..	46,110	27,208	6,790	5,698	2,172	900	1,407	1,935
Man-hours.....1,000..	96,228	55,702	14,153	12,414	4,949	1,887	3,169	3,954
Wages.....\$1,000..	244,955	136,795	36,790	32,688	12,284	5,417	7,932	13,049
Value added, adjusted.....do....	981,997	560,795	134,826	130,105	45,903	29,164	33,954	47,250
Value of shipments.....do....	2,292,504	1,282,041	319,455	289,585	118,552	79,615	86,372	116,884
INDUSTRY 3274.--LIME								
Companies.....number..	81	39	13	4	7	6	1	11
Establishments.....do....	125	40	16	14	10	10	1	34
All employees:								
Total.....do....	6,778	435	1,047	(D)	1,317	1,642	(D)	2,337
Payroll.....\$1,000..	38,903	2,266	5,449	(D)	8,176	9,816	(D)	13,196
Production workers:								
Total.....number..	5,384	375	870	(D)	999	1,192	(D)	1,948
Man-hours.....1,000..	11,366	819	1,866	(D)	2,132	2,419	(D)	4,130
Wages.....\$1,000..	28,519	1,752	3,984	(D)	5,453	6,665	(D)	10,665
Value added, adjusted.....do....	95,135	4,127	12,450	(D)	15,982	21,958	(D)	40,618
Value of shipments.....do....	164,366	10,190	22,723	(D)	27,586	37,733	(D)	66,134
INDUSTRY 3275.--GYPSUM PRODUCTS								
Companies.....number..	60	47	1	1	1	1	1	8
Establishments.....do....	122	48	1	2	1	2	1	67
All employees:								
Total.....do....	11,491	522	(D)	(D)	(D)	(D)	(D)	10,969
Payroll.....\$1,000..	70,335	2,806	(D)	(D)	(D)	(D)	(D)	67,529
Production workers:								
Total.....number..	9,216	335	(D)	(D)	(D)	(D)	(D)	8,881
Man-hours.....1,000..	20,766	705	(D)	(D)	(D)	(D)	(D)	20,061
Wages.....\$1,000..	54,455	1,671	(D)	(D)	(D)	(D)	(D)	52,784
Value added, adjusted.....do....	259,659	7,340	(D)	(D)	(D)	(D)	(D)	252,319
Value of shipments.....do....	425,108	15,244	(D)	(D)	(D)	(D)	(D)	409,864
INDUSTRY 3281.--CUT STONE AND STONE PRODUCTS								
Companies.....number..	857	788	36	22	5	1	4	1
Establishments.....do....	893	794	37	32	8	3	18	1
All employees:								
Total.....do....	18,340	7,600	2,218	2,826	2,068	(D)	3,628	(D)
Payroll.....\$1,000..	85,745	35,597	11,050	12,550	10,037	(D)	16,511	(D)
Production workers:								
Total.....number..	15,259	6,070	1,895	2,422	1,794	(D)	3,078	(D)
Man-hours.....1,000..	30,896	11,995	3,764	4,972	3,618	(D)	6,547	(D)
Wages.....\$1,000..	66,657	26,735	8,626	10,237	8,014	(D)	13,045	(D)
Value added, adjusted.....do....	131,465	58,402	14,647	22,629	14,415	(D)	21,372	(D)
Value of shipments.....do....	217,176	100,823	23,972	31,082	23,383	(D)	37,916	(D)
INDUSTRY 3291.--ABRASIVE PRODUCTS								
Companies.....number..	340	265	26	20	8	6	3	12
Establishments.....do....	378	265	30	31	14	10	3	25
All employees:								
Total.....do....	28,170	2,776	1,676	2,807	1,307	1,857	558	17,189
Payroll.....\$1,000..	186,971	15,877	9,528	16,186	8,138	12,019	2,791	122,432
Production workers:								
Total.....number..	12,543	1,999	1,217	2,086	908	1,313	374	10,686
Man-hours.....1,000..	36,695	3,990	2,376	4,235	1,759	2,561	863	20,911
Wages.....\$1,000..	107,628	9,343	5,799	9,958	5,214	7,303	1,886	68,085
Value added, adjusted.....do....	416,415	32,876	18,011	32,405	15,763	24,729	9,019	283,612
Value of shipments.....do....	704,212	64,344	37,927	67,000	24,414	40,701	12,095	457,731

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3292.--ASBESTOS PRODUCTS								
Companies.....number..	73	39	6	3	3	1	3	18
Establishments.....do....	124	39	6	6	4	2	5	62
All employees:								
Total.....do.....	19,516	382	296	2,882	(D)	(D)	(D)	15,956
Payroll.....\$1,000..	118,024	2,122	1,509	16,722	(D)	(D)	(D)	97,671
Production workers:								
Total.....number..	15,738	308	231	2,445	(D)	(D)	(D)	12,754
Man-hours.....1,000..	32,884	643	481	5,217	(D)	(D)	(D)	26,543
Wages.....\$1,000..	89,766	1,511	1,015	12,590	(D)	(D)	(D)	74,650
Value added, adjusted.....do....	269,067	3,910	2,945	38,651	(D)	(D)	(D)	223,561
Value of shipments.....do....	509,236	8,264	4,827	89,131	(D)	(D)	(D)	407,014
INDUSTRY 3293.--GASKETS AND INSULATIONS								
Companies.....number..	282	225	13	12	8	9	5	10
Establishments.....do....	295	225	13	13	9	11	7	17
All employees:								
Total.....do.....	16,825	2,544	908	1,530	996	1,914	3,356	5,577
Payroll.....\$1,000..	94,441	14,026	4,634	8,694	5,829	9,785	18,922	32,551
Production workers:								
Total.....number..	12,684	1,810	697	1,113	770	1,565	2,517	4,212
Man-hours.....1,000..	25,906	3,718	1,445	2,286	1,609	3,318	5,033	8,497
Wages.....\$1,000..	62,301	8,031	3,023	4,950	3,845	7,161	13,253	22,038
Value added, adjusted.....do....	160,734	24,247	8,424	15,522	12,883	17,000	28,475	54,183
Value of shipments.....do....	279,226	50,189	14,146	26,543	23,352	29,251	50,470	85,275
INDUSTRY 3295.--MINERALS, GROUND OR TREATED								
Companies.....number..	313	258	13	12	4	6	5	15
Establishments.....do....	415	267	24	30	6	11	27	50
All employees:								
Total.....do.....	7,330	2,314	808	826	168	1,134	734	1,346
Payroll.....\$1,000..	41,567	11,629	5,132	5,461	872	6,487	4,283	7,703
Production workers:								
Total.....number..	5,688	1,750	576	654	128	940	625	1,015
Man-hours.....1,000..	11,749	3,614	1,236	1,428	338	1,913	1,279	1,941
Wages.....\$1,000..	29,643	7,763	3,598	3,854	689	5,164	3,497	5,078
Value added, adjusted.....do....	102,079	27,133	10,587	12,573	1,815	16,652	12,159	21,160
Value of shipments.....do....	204,393	52,216	23,132	25,141	3,421	31,065	16,626	52,792
INDUSTRY 3296.--MINERAL WOOL								
Companies.....number..	89	61	5	4	1	6	1	11
Establishments.....do....	123	61	5	6	3	12	3	33
All employees:								
Total.....do.....	14,733	611	316	691	(D)	3,261	(D)	9,854
Payroll.....\$1,000..	92,347	3,059	1,661	4,176	(D)	21,660	(D)	61,791
Production workers:								
Total.....number..	11,647	467	219	489	(D)	2,553	(D)	7,919
Man-hours.....1,000..	24,781	934	437	989	(D)	5,632	(D)	16,789
Wages.....\$1,000..	69,089	1,983	840	2,413	(D)	14,495	(D)	49,358
Value added, adjusted.....do....	206,846	5,561	3,708	9,360	(D)	43,154	(D)	145,063
Value of shipments.....do....	391,873	13,507	9,371	15,828	(D)	81,388	(D)	271,779
INDUSTRY 3297.--NONCLAY REFRACTORIES								
Companies.....number..	51	19	4	6	4	3	3	12
Establishments.....do....	93	19	5	8	7	7	8	39
All employees:								
Total.....do.....	8,572	285	209	566	861	1,566	(D)	5,085
Payroll.....\$1,000..	53,367	1,632	1,266	3,922	5,403	9,166	(D)	31,978
Production workers:								
Total.....number..	6,810	202	170	429	580	1,209	(D)	4,220
Man-hours.....1,000..	13,485	395	340	871	1,204	2,330	(D)	8,345
Wages.....\$1,000..	38,673	942	838	2,494	3,477	6,565	(D)	24,357
Value added, adjusted.....do....	129,139	3,876	3,616	9,767	11,533	19,284	(D)	81,063
Value of shipments.....do....	250,195	5,683	5,715	17,075	23,606	40,210	(D)	157,906

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company

Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3299.--NONMETALLIC PRODUCTS, N.E.C.								
Companies.....number..	313	285	10	7	4	-	1	6
Establishments.....do....	320	285	12	9	5	-	1	8
All employees:								
Total.....do.....	5,471	2,041	620	646	704	-	(D)	1,460
Payroll.....\$1,000..	27,094	9,516	3,316	2,743	2,620	-	(D)	8,899
Production workers:								
Total.....number..	4,361	1,672	489	533	607	-	(D)	1,060
Man-hours.....1,000..	8,266	3,002	1,016	943	1,186	-	(D)	2,119
Wages.....\$1,000..	18,231	6,819	1,995	1,803	1,874	-	(D)	5,740
Value added, adjusted.....do....	53,289	17,947	6,771	4,000	4,590	-	(D)	19,981
Value of shipments.....do....	96,188	30,618	12,964	6,702	8,051	-	(D)	37,853
MAJOR GROUP 33.--PRIMARY METAL INDUSTRIES								
Companies.....number..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Establishments.....do....	6,513	3,834	576	548	270	222	210	853
All employees:								
Total.....do.....	1,126,536	52,894	37,442	69,334	54,290	55,150	71,381	786,045
Payroll.....\$1,000..	7,734,129	286,700	211,801	408,265	338,356	355,826	463,963	5,669,218
Production workers:								
Total.....number..	922,160	43,979	31,685	57,472	44,489	45,088	58,227	641,220
Man-hours.....1,000..	1,838,970	88,775	65,025	118,423	91,154	91,901	119,637	1,264,055
Wages.....\$1,000..	5,933,628	213,591	157,926	304,137	251,128	270,062	351,811	4,384,973
Value added, adjusted.....do....	15,261,089	545,729	365,241	725,439	579,914	615,787	928,097	11,500,882
Value of shipments.....do....	35,621,458	1,138,703	753,322	1,535,281	1,309,240	1,483,709	1,958,063	27,443,140
INDUSTRY 3312.--BLAST FURNACES AND STEEL MILLS								
Companies.....number..	161	42	3	20	13	9	18	56
Establishments.....do....	288	42	4	21	14	11	26	170
All employees:								
Total.....do.....	500,550	549	164	3,320	3,415	5,164	13,015	474,923
Payroll.....\$1,000..	3,711,639	2,861	629	21,154	22,300	37,876	93,108	3,533,711
Production workers:								
Total.....number..	412,311	475	151	2,790	2,809	4,206	11,209	390,671
Man-hours.....1,000..	791,364	921	283	5,617	5,536	8,303	22,230	748,474
Wages.....\$1,000..	2,892,006	2,368	546	16,624	16,476	29,549	74,388	2,752,055
Value added, adjusted.....do....	7,699,535	6,419	1,043	40,301	35,931	50,608	192,325	7,372,908
Value of shipments.....do....	16,611,083	16,240	2,067	86,935	80,641	109,654	399,363	15,916,183
INDUSTRY 3313.--ELECTROMETALLURGICAL PRODUCTS								
Companies.....number..	20	6	1	1	3	1	2	6
Establishments.....do....	36	6	1	1	4	4	5	15
All employees:								
Total.....do.....	10,437	3,255	(D)	(D)	(D)	(D)	(D)	7,182
Payroll.....\$1,000..	68,880	21,300	(D)	(D)	(D)	(D)	(D)	47,580
Production workers:								
Total.....number..	8,155	2,614	(D)	(D)	(D)	(D)	(D)	5,541
Man-hours.....1,000..	16,563	5,334	(D)	(D)	(D)	(D)	(D)	11,229
Wages.....\$1,000..	50,767	15,804	(D)	(D)	(D)	(D)	(D)	34,963
Value added, adjusted.....do....	145,503	44,240	(D)	(D)	(D)	(D)	(D)	101,263
Value of shipments.....do....	382,132	131,823	(D)	(D)	(D)	(D)	(D)	250,309
INDUSTRY 3315.--STEEL WIRE DRAWING, ETC.								
Companies.....number..	171	82	21	28	7	8	7	18
Establishments.....do....	200	82	21	36	10	12	12	27
All employees:								
Total.....do.....	21,280	1,345	1,546	3,566	2,463	2,826	1,875	7,659
Payroll.....\$1,000..	134,636	6,962	8,336	21,243	15,556	17,565	13,163	51,811
Production workers:								
Total.....number..	16,904	1,106	1,266	2,895	1,939	2,362	1,409	5,927
Man-hours.....1,000..	34,367	2,208	2,551	6,162	4,247	4,713	3,143	11,343
Wages.....\$1,000..	97,055	4,997	5,921	15,252	10,784	13,751	9,401	36,949
Value added, adjusted.....do....	253,009	15,806	15,720	42,443	29,903	37,823	29,518	81,796
Value of shipments.....do....	592,263	38,743	34,435	113,501	60,782	65,404	56,829	222,569

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² —						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3316.--COLD FINISHING OF STEEL SHAPES								
Companies.....number..	59	18	5	9	7	6	4	10
Establishments.....do....	81	18	5	9	9	17	4	19
All employees:								
Total.....do.....	13,700	298	334	1,284	1,905	2,875	1,275	5,729
Payroll.....\$1,000..	99,557	2,041	2,483	9,221	13,298	21,337	10,581	40,596
Production workers:								
Total.....number..	10,623	219	278	943	1,515	2,122	1,099	4,447
Man-hours.....1,000..	21,833	485	578	2,239	2,967	4,400	2,295	8,869
Wages.....\$1,000..	71,527	1,457	1,818	5,833	9,618	14,532	8,585	29,684
Value added, adjusted.....do....	223,977	4,701	6,134	25,262	27,241	44,385	36,229	80,025
Value of shipments.....do....	751,627	17,775	18,497	64,669	74,530	175,229	50,846	350,081
INDUSTRY 3317.--STEEL PIPE AND TUBE								
Companies.....number..	114	46	14	13	8	8	8	17
Establishments.....do....	141	46	14	14	9	17	13	28
All employees:								
Total.....do.....	22,882	905	1,027	1,751	1,807	3,989	3,740	9,663
Payroll.....\$1,000..	153,147	5,054	6,305	10,932	10,348	28,853	23,870	67,785
Production workers:								
Total.....number..	18,270	718	814	1,363	1,469	3,232	2,912	7,762
Man-hours.....1,000..	37,862	1,469	1,673	2,788	2,886	6,934	6,362	15,750
Wages.....\$1,000..	113,656	3,480	4,180	7,749	7,859	21,731	16,785	51,872
Value added, adjusted.....do....	295,242	10,527	13,331	28,504	16,957	56,431	48,335	121,157
Value of shipments.....do....	809,009	26,302	35,467	59,337	62,456	144,595	97,630	383,222
INDUSTRY 3321.--GRAY IRON FOUNDRIES								
Companies.....number..	1,062	622	185	140	38	22	21	34
Establishments.....do....	1,139	624	185	145	46	28	30	81
All employees:								
Total.....do.....	120,528	11,314	12,657	19,967	9,013	8,117	13,860	45,600
Payroll.....\$1,000..	730,279	53,724	65,736	110,706	53,025	51,294	77,912	317,882
Production workers:								
Total.....number..	104,239	9,978	11,209	17,299	7,818	6,878	11,922	39,135
Man-hours.....1,000..	214,285	19,443	22,373	35,269	15,929	14,439	24,296	82,536
Wages.....\$1,000..	596,109	44,552	53,102	88,405	42,905	40,620	62,245	264,280
Value added, adjusted.....do....	1,168,478	80,880	98,454	164,247	85,273	93,100	131,765	514,759
Value of shipments.....do....	1,984,944	123,834	153,647	259,672	139,144	162,292	263,812	882,543
INDUSTRY 3322.--MALLEABLE IRON FOUNDRIES								
Companies.....number..	76	12	6	21	14	8	4	11
Establishments.....do....	81	12	6	21	15	9	4	14
All employees:								
Total.....do.....	22,297	161	430	3,206	3,923	3,396	2,120	9,061
Payroll.....\$1,000..	141,967	740	2,171	16,754	22,710	21,488	12,609	65,495
Production workers:								
Total.....number..	18,832	135	372	2,723	3,390	2,793	1,731	7,688
Man-hours.....1,000..	38,789	267	722	5,142	6,660	5,615	3,724	16,659
Wages.....\$1,000..	112,670	574	1,679	13,111	18,246	16,068	9,724	53,268
Value added, adjusted.....do....	204,557	1,001	3,925	23,923	29,670	33,076	16,193	96,769
Value of shipments.....do....	317,528	1,430	5,486	35,398	46,592	49,326	28,001	151,295
INDUSTRY 3323.--STEEL FOUNDRIES								
Companies.....number..	222	76	32	41	19	16	18	20
Establishments.....do....	267	77	32	43	20	27	22	46
All employees:								
Total.....do.....	56,810	1,459	2,194	5,970	5,391	8,205	9,041	24,550
Payroll.....\$1,000..	361,378	8,980	12,759	34,901	33,627	49,868	58,055	163,188
Production workers:								
Total.....number..	47,628	1,227	1,859	5,017	4,468	6,897	7,597	20,563
Man-hours.....1,000..	95,106	2,416	3,738	10,056	9,138	13,984	15,348	40,426
Wages.....\$1,000..	280,433	7,072	9,420	26,310	25,407	39,059	45,373	127,792
Value added, adjusted.....do....	586,914	18,158	19,694	55,368	50,386	73,285	91,448	278,575
Value of shipments.....do....	871,048	25,030	29,779	79,144	72,756	111,386	136,776	416,177

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3331.--PRIMARY COPPER								
Companies.....number..	13	2	-	1	1	2	-	7
Establishments.....do....	33	2	-	1	2	2	-	26
All employees:								
Total.....do....	14,949	<u>1,264</u>	-	(D)	(D)	(D)	-	13,685
Payroll.....\$1,000..	96,134	<u>8,485</u>	-	(D)	(D)	(D)	-	87,649
Production workers:								
Total.....number..	12,711	<u>1,136</u>	-	(D)	(D)	(D)	-	11,575
Man-hours.....1,000..	25,846	<u>2,315</u>	-	(D)	(D)	(D)	-	23,531
Wages.....\$1,000..	77,938	<u>6,752</u>	-	(D)	(D)	(D)	-	71,186
Value added, adjusted.....do....	285,510	<u>39,481</u>	-	(D)	(D)	(D)	-	246,029
Value of shipments ⁴do....	1,245,457	<u>138,586</u>	-	(D)	(D)	(D)	-	1,106,871
INDUSTRY 3332.--PRIMARY LEAD								
Companies.....number..	6	1	-	1	-	-	2	2
Establishments.....do....	10	1	-	1	-	-	2	6
All employees:								
Total.....do....	2,578	<u>2,578</u>	-	(D)	-	-	(D)	(D)
Payroll.....\$1,000..	14,997	<u>14,997</u>	-	(D)	-	-	(D)	(D)
Production workers:								
Total.....number..	2,125	<u>2,125</u>	-	(D)	-	-	(D)	(D)
Man-hours.....1,000..	4,106	<u>4,106</u>	-	(D)	-	-	(D)	(D)
Wages.....\$1,000..	11,156	<u>11,156</u>	-	(D)	-	-	(D)	(D)
Value added, adjusted.....do....	24,876	<u>24,876</u>	-	(D)	-	-	(D)	(D)
Value of shipments ⁴do....	265,072	<u>265,072</u>	-	(D)	-	-	(D)	(D)
INDUSTRY 3333.--PRIMARY ZINC								
Companies.....number..	11	-	-	1	-	2	3	5
Establishments.....do....	18	-	-	1	-	3	4	10
All employees:								
Total.....do....	8,065	-	-	895	-	(D)	2,498	4,672
Payroll.....\$1,000..	47,760	-	-	<u>4,980</u>	-	(D)	17,594	25,186
Production workers:								
Total.....number..	6,575	-	-	780	-	(D)	1,745	4,050
Man-hours.....1,000..	13,245	-	-	<u>1,506</u>	-	(D)	3,821	7,918
Wages.....\$1,000..	36,238	-	-	<u>4,082</u>	-	(D)	11,245	20,911
Value added, adjusted.....do....	98,789	-	-	<u>8,555</u>	-	(D)	34,356	55,878
Value of shipments.....do....	281,537	-	-	<u>27,117</u>	-	(D)	99,267	155,153
INDUSTRY 3334.--PRIMARY ALUMINUM								
Companies.....number..	7	-	-	-	-	1	1	5
Establishments.....do....	23	-	-	-	-	1	1	21
All employees:								
Total.....do....	18,133	-	-	-	-	<u>1,693</u>	(D)	16,440
Payroll.....\$1,000..	134,116	-	-	-	-	<u>12,879</u>	(D)	121,237
Production workers:								
Total.....number..	14,459	-	-	-	-	<u>1,342</u>	(D)	13,117
Man-hours.....1,000..	29,487	-	-	-	-	<u>2,825</u>	(D)	26,662
Wages.....\$1,000..	101,399	-	-	-	-	<u>9,844</u>	(D)	91,555
Value added, adjusted.....do....	499,576	-	-	-	-	<u>35,044</u>	(D)	464,532
Value of shipments.....do....	1,089,977	-	-	-	-	<u>80,171</u>	(D)	1,009,806
INDUSTRY 3339.--PRIMARY NONFERROUS METALS, N.E.C.								
Companies.....number..	32	8	-	2	1	3	6	12
Establishments.....do....	35	8	-	2	1	4	6	14
All employees:								
Total.....do....	5,064	787	-	(D)	(D)	945	1,292	2,040
Payroll.....\$1,000..	34,807	<u>5,100</u>	-	(D)	(D)	5,796	9,275	14,636
Production workers:								
Total.....number..	3,782	464	-	(D)	(D)	799	928	1,591
Man-hours.....1,000..	8,148	<u>1,029</u>	-	(D)	(D)	1,678	2,156	3,285
Wages.....\$1,000..	24,701	<u>2,553</u>	-	(D)	(D)	4,773	6,717	10,658
Value added, adjusted.....do....	103,830	<u>11,730</u>	-	(D)	(D)	2,226	31,892	57,982
Value of shipments.....do....	212,176	<u>28,686</u>	-	(D)	(D)	19,905	44,215	119,370

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3341.--SECONDARY NONFERROUS METALS								
Companies.....number..	406	333	24	22	8	3	5	11
Establishments.....do....	459	335	24	28	14	5	10	43
All employees:								
Total.....do....	15,445	3,674	1,535	2,958	2,365	(D)	393	4,520
Payroll.....\$1,000..	96,302	21,494	9,033	19,105	15,752	(D)	2,752	28,166
Production workers:								
Total.....number..	11,336	2,734	1,155	2,161	1,711	(D)	287	3,288
Man-hours.....1,000..	23,779	5,839	2,371	4,641	3,565	(D)	656	6,707
Wages.....\$1,000..	60,510	13,127	5,388	11,485	9,939	(D)	1,838	18,733
Value added, adjusted.....do....	228,190	71,853	17,455	39,025	30,258	(D)	10,006	59,593
Value of shipments.....do....	1,045,522	228,376	85,780	180,393	158,075	(D)	43,399	349,499
INDUSTRY 3351.--COPPER ROLLING AND DRAWING								
Companies.....number..	81	23	9	12	6	9	5	17
Establishments.....do....	112	23	9	12	6	12	5	45
All employees:								
Total.....do....	38,949	364	458	1,433	1,708	2,841	1,225	30,920
Payroll.....\$1,000..	260,320	2,124	2,862	9,027	12,007	18,704	8,181	207,415
Production workers:								
Total.....number..	31,481	302	384	1,157	1,426	2,372	867	24,973
Man-hours.....1,000..	65,746	608	822	2,461	3,096	4,932	1,817	52,010
Wages.....\$1,000..	200,171	1,445	2,129	6,735	9,229	14,936	5,237	160,460
Value added, adjusted.....do....	478,393	5,166	6,366	16,781	22,747	33,933	19,531	373,869
Value of shipments.....do....	1,657,526	12,020	17,309	43,897	76,158	102,326	73,200	1,332,616
INDUSTRY 3352.--ALUMINUM ROLLING AND DRAWING								
Companies.....number..	166	80	25	22	14	9	-	16
Establishments.....do....	212	80	25	24	18	12	-	53
All employees:								
Total.....do....	54,263	1,256	1,708	2,969	2,554	2,290	-	43,486
Payroll.....\$1,000..	376,647	6,652	9,891	16,529	15,365	14,266	-	313,944
Production workers:								
Total.....number..	42,758	1,010	1,380	2,346	1,868	1,734	-	34,420
Man-hours.....1,000..	89,867	2,084	2,924	5,246	3,900	3,918	-	71,795
Wages.....\$1,000..	278,469	4,716	6,676	11,426	9,652	9,580	-	236,419
Value added, adjusted.....do....	721,171	18,484	21,476	32,871	29,263	23,415	-	595,662
Value of shipments.....do....	2,196,439	49,118	58,992	99,927	68,415	78,653	-	1,841,334
INDUSTRY 3356.--ROLLING AND DRAWING, N.E.C.								
Companies.....number..	108	63	7	7	5	6	5	15
Establishments.....do....	125	64	8	7	8	10	7	21
All employees:								
Total.....do....	17,375	653	509	731	2,232	(D)	2,206	11,044
Payroll.....\$1,000..	117,454	3,976	2,725	4,370	14,779	(D)	14,892	76,712
Production workers:								
Total.....number..	12,275	462	379	532	1,619	(D)	1,588	7,695
Man-hours.....1,000..	25,367	969	829	1,105	3,127	(D)	3,241	16,096
Wages.....\$1,000..	74,052	2,498	1,769	2,480	9,582	(D)	10,869	46,852
Value added, adjusted.....do....	250,589	11,466	6,334	8,528	31,473	(D)	43,792	148,996
Value of shipments.....do....	640,962	48,661	20,843	27,739	121,447	(D)	81,370	340,902
INDUSTRY 3357.--NONFERROUS WIRE DRAWING, ETC.								
Companies.....number..	210	104	17	25	20	8	11	25
Establishments.....do....	299	104	19	30	25	8	21	92
All employees:								
Total.....do....	56,418	1,743	1,082	3,901	5,927	3,017	6,289	34,459
Payroll.....\$1,000..	339,935	10,112	5,300	21,365	33,421	14,792	38,125	216,820
Production workers:								
Total.....number..	43,905	1,435	860	3,132	4,616	2,495	4,725	26,642
Man-hours.....1,000..	90,368	3,085	1,887	6,515	9,635	4,624	9,393	55,229
Wages.....\$1,000..	240,904	6,920	3,493	14,380	22,835	10,870	25,013	157,393
Value added, adjusted.....do....	677,535	21,977	10,856	44,864	70,281	28,802	96,578	404,177
Value of shipments.....do....	2,117,943	55,813	26,180	101,652	156,853	68,963	227,541	1,480,941

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3361.--ALUMINUM CASTINGS								
Companies.....number..	926	782	63	37	19	5	7	13
Establishments.....do....	954	785	65	43	24	6	7	24
All employees:								
Total.....do....	36,216	8,896	4,406	4,687	4,970	936	645	11,676
Payroll.....\$1,000..	222,771	45,560	24,411	27,040	31,215	5,324	3,781	85,440
Production workers:								
Total.....number..	30,746	7,685	3,764	4,101	4,297	766	546	9,587
Man-hours.....1,000..	63,432	15,217	7,885	8,521	8,942	1,584	1,141	20,142
Wages.....\$1,000..	174,155	35,640	18,732	21,146	24,371	4,054	3,015	67,197
Value added, adjusted.....do....	343,863	74,197	39,883	42,605	44,514	8,186	5,055	129,423
Value of shipments.....do....	640,193	131,172	70,837	74,948	77,868	13,403	8,400	263,565
INDUSTRY 3362.--BRASS, BRONZE, COPPER CASTINGS								
Companies.....number..	535	458	31	21	9	5	2	9
Establishments.....do....	549	459	31	22	10	7	3	17
All employees:								
Total.....do....	15,341	6,107	1,807	2,387	1,155	3,885	(D)	(D)
Payroll.....\$1,000..	86,350	31,806	10,149	13,908	8,154	22,333	(D)	(D)
Production workers:								
Total.....number..	12,835	5,178	1,561	2,038	916	3,142	(D)	(D)
Man-hours.....1,000..	26,052	10,210	3,195	4,118	1,890	6,639	(D)	(D)
Wages.....\$1,000..	65,095	24,679	7,960	10,413	5,752	16,291	(D)	(D)
Value added, adjusted.....do....	144,092	49,209	15,370	24,387	14,639	40,487	(D)	(D)
Value of shipments.....do....	287,534	98,731	31,976	46,274	25,026	85,527	(D)	(D)
INDUSTRY 3369.--NONFERROUS CASTINGS, N.E.C.								
Companies.....number..	386	294	41	24	14	1	2	10
Establishments.....do....	391	295	41	25	14	1	3	12
All employees:								
Total.....do....	17,686	3,878	2,744	3,421	4,336	(D)	(D)	3,307
Payroll.....\$1,000..	102,929	20,032	15,457	18,875	27,619	(D)	(D)	20,946
Production workers:								
Total.....number..	14,845	3,296	2,407	2,837	3,592	(D)	(D)	2,713
Man-hours.....1,000..	30,320	6,701	4,960	5,817	7,208	(D)	(D)	5,634
Wages.....\$1,000..	78,447	15,447	11,615	14,394	20,767	(D)	(D)	16,224
Value added, adjusted.....do....	168,530	36,167	26,409	30,606	42,866	(D)	(D)	32,482
Value of shipments.....do....	302,731	65,451	49,411	55,665	75,856	(D)	(D)	56,348
INDUSTRY 3391.--IRON AND STEEL FORGINGS								
Companies.....number..	248	134	35	33	8	9	13	16
Establishments.....do....	272	134	36	34	10	13	18	27
All employees:								
Total.....do....	36,317	2,383	2,437	4,942	1,997	3,475	4,311	16,772
Payroll.....\$1,000..	259,793	15,665	18,716	35,864	13,989	23,697	29,292	122,570
Production workers:								
Total.....number..	29,240	1,898	1,960	4,048	1,645	2,810	3,796	13,083
Man-hours.....1,000..	58,316	3,880	4,171	8,271	3,238	5,277	7,693	25,786
Wages.....\$1,000..	198,272	10,760	13,321	26,958	10,850	18,299	24,998	93,086
Value added, adjusted.....do....	395,302	26,284	34,279	62,825	22,327	31,449	37,274	180,864
Value of shipments.....do....	868,948	62,335	73,084	131,127	53,416	73,253	82,856	392,877
INDUSTRY 3392.--NONFERROUS FORGINGS								
Companies.....number..	32	18	2	2	-	2	3	5
Establishments.....do....	34	18	2	2	-	2	3	7
All employees:								
Total.....do....	6,297	3,016	(D)	(D)	-	(D)	(D)	3,281
Payroll.....\$1,000..	47,627	21,750	(D)	(D)	-	(D)	(D)	25,877
Production workers:								
Total.....number..	4,612	2,175	(D)	(D)	-	(D)	(D)	2,437
Man-hours.....1,000..	10,064	4,927	(D)	(D)	-	(D)	(D)	5,137
Wages.....\$1,000..	32,461	14,519	(D)	(D)	-	(D)	(D)	17,942
Value added, adjusted.....do....	71,378	33,601	(D)	(D)	-	(D)	(D)	37,777
Value of shipments.....do....	165,146	66,427	(D)	(D)	-	(D)	(D)	98,719

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3399.--PRIMARY METAL INDUSTRIES, N.E.C.								
Companies.....number..	695	612	38	15	8	6	4	12
Establishments.....do....	754	619	48	26	11	11	4	35
All employees:								
Total.....do.....	14,956	7,384	2,229	1,797	619	881	233	1,813
Payroll.....\$1,000..	94,704	45,856	13,532	10,807	4,533	5,576	1,179	13,221
Production workers:								
Total.....number..	11,513	5,692	1,747	1,296	488	713	186	1,391
Man-hours.....1,000..	24,658	12,102	3,753	2,815	1,205	1,519	381	2,883
Wages.....\$1,000..	65,437	31,600	9,138	7,171	3,350	4,057	813	9,308
Value added, adjusted.....do....	192,250	85,071	26,201	26,493	8,273	11,920	2,454	31,838
Value of shipments.....do....	284,661	117,706	35,515	40,045	11,012	16,370	4,935	59,078
MAJOR GROUP 34.--FABRICATED METAL PRODUCTS								
Companies.....number..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Establishments.....do....	26,975	21,572	1,888	1,284	594	312	402	923
All employees:								
Total.....do.....	1,082,102	237,078	119,515	154,805	105,060	72,590	104,922	288,132
Payroll.....\$1,000..	6,387,508	1,268,516	683,756	882,360	608,345	432,468	633,852	1,878,211
Production workers:								
Total.....number..	843,795	188,488	94,139	120,725	79,998	54,965	82,242	223,238
Man-hours.....1,000..	1,721,034	381,228	192,986	248,906	162,973	111,706	168,842	454,393
Wages.....\$1,000..	4,483,688	899,269	465,599	596,381	404,285	293,292	454,880	1,369,982
Value added, adjusted.....do....	11,791,081	2,246,318	1,195,130	1,526,386	1,069,795	799,005	1,242,751	3,711,696
Value of shipments ⁴do....	23,065,207	4,151,374	2,302,469	3,031,871	2,104,266	1,514,689	2,326,021	7,634,517
INDUSTRY 3411.--METAL CANS								
Companies.....number..	99	44	14	10	2	5	2	22
Establishments.....do....	270	44	15	12	2	14	4	179
All employees:								
Total.....do.....	53,245	564	902	1,459	(D)	3,398	(D)	46,922
Payroll.....\$1,000..	377,031	3,016	4,875	<u>8,380</u>	(D)	<u>21,456</u>	(D)	339,304
Production workers:								
Total.....number..	46,110	479	735	1,214	(D)	2,767	(D)	40,915
Man-hours.....1,000..	97,340	1,024	1,603	2,738	(D)	5,745	(D)	86,230
Wages.....\$1,000..	311,058	2,218	3,464	<u>6,112</u>	(D)	<u>15,756</u>	(D)	283,508
Value added, adjusted.....do....	830,515	5,103	9,439	<u>13,855</u>	(D)	<u>39,543</u>	(D)	762,575
Value of shipments.....do....	2,075,014	12,273	21,820	<u>37,728</u>	(D)	<u>87,822</u>	(D)	1,915,371
INDUSTRY 3421.--CUTLERY								
Companies.....number..	156	114	16	14	2	2	3	5
Establishments.....do....	161	114	17	14	2	4	5	5
All employees:								
Total.....do.....	11,837	1,260	1,104	9,473	(D)	(D)	(D)	(D)
Payroll.....\$1,000..	64,281	6,016	4,914	<u>53,351</u>	(D)	(D)	(D)	(D)
Production workers:								
Total.....number..	9,487	1,051	930	7,506	(D)	(D)	(D)	(D)
Man-hours.....1,000..	19,312	2,076	1,745	<u>15,491</u>	(D)	(D)	(D)	(D)
Wages.....\$1,000..	43,896	4,473	3,584	<u>35,839</u>	(D)	(D)	(D)	(D)
Value added, adjusted.....do....	213,998	10,658	8,373	<u>194,967</u>	(D)	(D)	(D)	(D)
Value of shipments.....do....	283,352	17,569	13,288	<u>252,495</u>	(D)	(D)	(D)	(D)
INDUSTRY 3423.--HAND AND EDGE TOOLS								
Companies.....number..	681	559	46	35	16	6	8	11
Establishments.....do....	716	561	48	38	22	9	12	26
All employees:								
Total.....do.....	31,480	5,376	2,968	4,763	4,896	2,464	3,740	7,273
Payroll.....\$1,000..	176,837	26,525	16,139	26,609	28,303	15,726	22,329	41,206
Production workers:								
Total.....number..	24,508	4,343	2,366	3,793	3,749	1,804	3,233	5,220
Man-hours.....1,000..	48,716	8,620	4,753	7,634	7,450	3,578	6,344	10,337
Wages.....\$1,000..	125,652	19,815	11,451	18,748	18,928	11,261	18,493	26,956
Value added, adjusted.....do....	364,265	50,716	32,882	55,128	51,115	46,566	47,566	80,292
Value of shipments.....do....	565,590	80,070	48,926	85,465	87,593	67,806	77,043	118,687

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3425.--HAND SAWS AND SAW BLADES								
Companies.....number..	70	49	4	5	3	1	3	5
Establishments.....do....	76	49	4	5	5	2	6	5
All employees:								
Total.....do....	5,095	762	256	911	865	(D)	359	1,942
Payroll.....\$1,000..	29,148	4,140	1,051	6,062	5,420	(D)	2,334	10,141
Production workers:								
Total.....number..	3,768	574	217	678	570	(D)	244	1,485
Man-hours.....1,000..	7,721	1,183	418	1,455	1,113	(D)	522	3,030
Wages.....\$1,000..	19,621	2,817	823	3,588	3,028	(D)	1,435	7,930
Value added, adjusted.....do....	65,634	7,697	1,958	13,961	9,687	(D)	4,981	27,350
Value of shipments.....do....	102,782	11,869	2,600	21,976	14,574	(D)	8,181	43,582
INDUSTRY 3429.--HARDWARE, N.E.C.								
Companies.....number..	1,025	775	92	75	32	16	19	16
Establishments.....do....	1,069	776	94	80	37	22	28	32
All employees:								
Total.....do....	88,142	8,775	6,213	11,202	9,392	5,769	11,970	34,821
Payroll.....\$1,000..	529,217	44,384	32,080	59,403	50,822	33,674	67,934	240,920
Production workers:								
Total.....number..	70,238	6,979	4,885	8,733	7,404	4,468	9,732	28,037
Man-hours.....1,000..	145,633	13,988	9,840	17,786	15,089	9,291	20,591	59,048
Wages.....\$1,000..	383,419	29,906	21,285	39,261	35,560	21,164	52,246	183,997
Value added, adjusted.....do....	1,063,661	85,406	60,888	117,826	89,426	65,458	121,455	523,202
Value of shipments.....do....	1,785,134	161,169	110,131	201,218	153,791	110,282	206,081	842,462
INDUSTRY 3431.--METAL PLUMBING FIXTURES								
Companies.....number..	75	47	10	5	3	2	2	6
Establishments.....do....	81	47	10	5	4	2	4	9
All employees:								
Total.....do....	11,011	556	703	859	2,408	(D)	(D)	6,485
Payroll.....\$1,000..	68,162	2,689	4,309	4,530	15,796	(D)	(D)	40,838
Production workers:								
Total.....number..	8,833	452	556	704	1,713	(D)	(D)	5,408
Man-hours.....1,000..	17,501	947	1,088	1,304	3,439	(D)	(D)	10,723
Wages.....\$1,000..	50,373	1,876	2,827	3,310	10,190	(D)	(D)	32,170
Value added, adjusted.....do....	139,859	4,907	10,524	7,195	37,635	(D)	(D)	79,598
Value of shipments.....do....	234,896	11,081	15,994	14,196	63,577	(D)	(D)	130,048
INDUSTRY 3432.--PLUMBING FITTINGS, BRASS GOODS								
Companies.....number..	247	179	25	23	5	5	4	6
Establishments.....do....	250	179	25	24	4	6	5	7
All employees:								
Total.....do....	15,129	1,821	1,704	3,530	1,047	1,868	1,709	3,450
Payroll.....\$1,000..	79,336	9,079	8,177	18,434	5,855	10,153	7,847	19,791
Production workers:								
Total.....number..	12,314	1,446	1,407	2,863	855	1,552	1,425	2,766
Man-hours.....1,000..	23,988	2,867	2,607	5,819	1,815	3,074	2,532	5,274
Wages.....\$1,000..	58,259	6,115	5,720	13,272	4,403	7,846	6,077	14,826
Value added, adjusted.....do....	154,752	19,851	15,884	33,311	15,051	16,004	13,956	40,695
Value of shipments.....do....	333,832	40,641	33,247	80,187	28,486	36,537	34,520	80,214
INDUSTRY 3433.--HEATING EQUIPMENT, EXCEPT ELECTRIC								
Companies.....number..	611	449	49	46	21	10	14	22
Establishments.....do....	648	449	50	48	23	17	22	39
All employees:								
Total.....do....	42,020	5,229	3,422	6,289	5,328	4,084	5,745	11,923
Payroll.....\$1,000..	243,857	27,390	19,176	35,545	29,802	22,660	33,804	75,480
Production workers:								
Total.....number..	30,232	3,764	2,512	4,763	3,575	2,923	4,234	8,461
Man-hours.....1,000..	60,035	7,411	4,883	9,306	7,216	5,686	8,599	16,934
Wages.....\$1,000..	154,435	17,081	11,669	22,123	17,859	13,941	23,353	48,409
Value added, adjusted.....do....	495,652	51,331	36,964	66,521	57,314	50,487	76,963	156,072
Value of shipments.....do....	1,019,787	110,487	79,645	133,422	115,682	108,867	137,437	334,247

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3441.--FABRICATED STRUCTURAL STEEL								
Companies.....number..	1,636	1,280	176	102	36	15	9	18
Establishments.....do....	1,718	1,283	182	121	46	26	20	40
All employees:								
Total.....do.....	85,423	19,476	12,001	15,281	9,820	6,171	5,020	17,654
Payroll.....\$1,000..	527,220	117,527	77,685	93,734	62,638	38,012	29,220	108,404
Production workers:								
Total.....number..	63,674	14,748	8,772	11,073	6,953	4,501	3,807	13,820
Man-hours.....1,000..	127,899	29,644	17,748	23,663	13,945	9,116	8,213	25,570
Wages.....\$1,000..	350,337	80,050	48,625	59,557	39,152	25,307	20,434	77,212
Value added, adjusted.....do....	814,805	194,303	126,149	152,367	98,753	67,355	42,324	133,554
Value of shipments.....do....	1,916,048	416,060	284,525	379,597	243,081	159,061	111,634	322,090
INDUSTRY 3442.--METAL DOORS, SASH, AND TRIM								
Companies.....number..	1,712	1,426	136	77	35	19	8	11
Establishments.....do....	1,817	1,435	152	93	76	28	13	20
All employees:								
Total.....do.....	62,799	16,552	8,690	11,177	10,207	7,237	3,352	5,584
Payroll.....\$1,000..	324,796	80,127	46,136	55,551	54,042	38,741	15,772	34,427
Production workers:								
Total.....number..	46,645	12,039	6,480	8,449	7,684	5,262	2,848	3,883
Man-hours.....1,000..	95,727	24,516	13,243	17,578	15,759	11,191	5,583	7,857
Wages.....\$1,000..	206,127	49,570	28,772	35,175	33,956	24,912	11,670	22,072
Value added, adjusted.....do....	570,370	142,637	84,335	95,818	90,370	68,600	29,022	59,588
Value of shipments.....do....	1,253,814	336,562	182,538	208,587	195,196	128,136	70,993	131,802
INDUSTRY 3443.--BOILER SHOP PRODUCTS								
Companies.....number..	1,301	1,022	133	63	25	15	14	29
Establishments.....do....	1,383	1,029	134	70	38	19	27	66
All employees:								
Total.....do.....	75,018	14,072	8,597	8,711	5,121	3,258	7,434	27,825
Payroll.....\$1,000..	465,372	81,279	53,461	51,987	30,390	21,025	47,903	179,327
Production workers:								
Total.....number..	54,629	11,034	6,550	6,557	3,665	2,231	5,932	18,660
Man-hours.....1,000..	111,409	22,183	13,384	13,274	7,488	4,554	12,141	38,385
Wages.....\$1,000..	310,471	57,908	37,109	34,857	18,774	13,153	36,605	112,065
Value added, adjusted.....do....	770,064	136,866	86,696	79,756	46,373	29,968	91,502	298,903
Value of shipments.....do....	1,622,988	277,943	175,335	175,725	114,439	76,039	200,199	603,308
INDUSTRY 3444.--SHEET METAL WORK								
Companies.....number..	3,139	2,830	164	83	20	11	13	18
Establishments.....do....	3,250	2,838	183	99	30	14	18	68
All employees:								
Total.....do.....	61,651	26,636	10,761	9,992	4,395	3,231	3,164	3,472
Payroll.....\$1,000..	373,284	153,967	65,668	62,490	25,849	21,822	21,160	22,328
Production workers:								
Total.....number..	48,041	21,129	8,371	7,724	3,640	2,396	2,227	2,554
Man-hours.....1,000..	97,079	42,944	17,069	15,710	7,228	4,586	4,478	5,064
Wages.....\$1,000..	264,665	113,127	45,459	43,985	19,391	14,502	13,524	14,677
Value added, adjusted.....do....	632,384	255,696	108,098	95,822	45,856	41,783	39,672	45,457
Value of shipments.....do....	1,303,670	473,542	213,835	198,854	91,075	80,681	92,285	153,398
INDUSTRY 3446.--ARCHITECTURAL METAL WORK								
Companies.....number..	1,326	1,261	31	21	6	1	1	5
Establishments.....do....	1,334	1,263	31	25	8	1	1	5
All employees:								
Total.....do.....	15,587	7,681	2,071	2,745	1,818	(D)	(D)	1,272
Payroll.....\$1,000..	86,956	40,459	12,237	16,005	<u>10,324</u>	(D)	(D)	7,931
Production workers:								
Total.....number..	12,474	6,258	1,580	2,092	1,502	(D)	(D)	1,042
Man-hours.....1,000..	24,195	12,237	3,052	4,066	<u>2,852</u>	(D)	(D)	1,988
Wages.....\$1,000..	60,613	29,085	7,797	10,012	<u>7,443</u>	(D)	(D)	6,276
Value added, adjusted.....do....	148,763	73,311	20,581	26,618	<u>16,587</u>	(D)	(D)	11,666
Value of shipments.....do....	269,256	128,030	36,174	49,338	<u>31,300</u>	(D)	(D)	24,414

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963--Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3449.--MISCELLANEOUS METAL WORK, N.E.C.								
Companies.....number..	649	529	48	25	13	7	8	19
Establishments.....do....	697	529	49	26	17	8	17	51
All employees:								
Total.....do....	24,992	5,053	3,159	2,787	2,149	1,348	3,228	7,268
Payroll.....\$1,000..	145,042	25,959	17,647	16,581	12,439	8,959	21,154	42,303
Production workers:								
Total.....number..	16,963	3,663	2,291	1,834	1,596	997	2,075	4,507
Man-hours.....1,000..	34,510	7,372	4,686	3,740	3,496	2,001	4,225	8,990
Wages.....\$1,000..	88,843	16,310	10,984	9,145	8,325	6,441	12,153	25,485
Value added, adjusted.....do....	283,427	50,312	32,335	32,555	24,970	18,141	41,922	83,192
Value of shipments.....do....	704,166	113,672	77,328	72,339	51,556	37,543	98,717	253,011
INDUSTRY 3451.--SCREW MACHINE PRODUCTS								
Companies.....number..	1,861	1,682	106	43	13	6	6	5
Establishments.....do....	1,874	1,683	109	48	16	6	7	5
All employees:								
Total.....do....	36,909	19,141	7,180	5,671	2,471	778	868	800
Payroll.....\$1,000..	213,172	106,032	44,083	32,964	15,292	5,645	4,703	4,453
Production workers:								
Total.....number..	30,796	16,068	6,071	4,660	2,059	604	771	563
Man-hours.....1,000..	64,270	33,322	12,678	9,824	4,357	1,277	1,586	1,226
Wages.....\$1,000..	159,991	80,958	33,023	23,826	11,455	3,819	3,859	3,051
Value added, adjusted.....do....	358,961	189,778	70,980	49,740	24,464	8,748	8,496	6,755
Value of shipments.....do....	588,981	308,738	120,347	80,849	40,020	12,667	15,531	10,829
INDUSTRY 3452.--BOLTS, NUTS, RIVETS, AND WASHERS								
Companies.....number..	504	342	50	50	16	16	14	16
Establishments.....do....	573	345	51	54	29	21	36	37
All employees:								
Total.....do....	57,618	5,091	3,327	6,716	5,121	7,549	12,524	17,290
Payroll.....\$1,000..	371,026	30,332	21,490	42,341	31,325	48,280	84,175	113,083
Production workers:								
Total.....number..	43,972	3,904	2,671	5,382	3,762	5,589	9,454	13,210
Man-hours.....1,000..	92,502	7,945	6,211	10,969	7,906	11,527	19,842	28,102
Wages.....\$1,000..	257,477	20,095	14,988	30,283	20,460	32,384	58,392	80,875
Value added, adjusted.....do....	695,276	62,939	44,016	75,818	59,595	90,232	154,670	208,006
Value of shipments.....do....	1,218,247	120,602	82,840	150,026	99,143	140,238	285,771	339,627
INDUSTRY 3461.--METAL STAMPINGS								
Companies.....number..	2,491	1,949	221	156	53	31	29	52
Establishments.....do....	2,574	1,951	224	172	60	35	45	87
All employees:								
Total.....do....	132,179	26,309	14,728	22,664	14,847	7,922	10,080	35,629
Payroll.....\$1,000..	772,557	144,622	84,293	129,120	86,007	45,847	53,399	229,269
Production workers:								
Total.....number..	108,336	21,493	12,172	18,411	12,016	6,291	8,434	29,519
Man-hours.....1,000..	222,005	44,239	25,399	38,547	24,486	12,806	17,423	59,105
Wages.....\$1,000..	567,309	102,539	60,291	92,015	60,604	33,352	39,888	178,620
Value added, adjusted.....do....	1,368,993	256,430	144,080	214,116	147,879	77,924	118,888	409,676
Value of shipments.....do....	2,678,996	457,544	265,133	421,612	298,663	152,736	233,203	850,105
INDUSTRY 3471.--PLATING AND POLISHING								
Companies.....number..	2,968	2,784	106	51	17	1	6	3
Establishments.....do....	3,023	2,792	110	77	30	1	7	6
All employees:								
Total.....do....	44,962	28,678	7,114	5,795	2,340	(D)	1,035	(D)
Payroll.....\$1,000..	223,504	141,027	35,746	28,888	12,228	(D)	5,615	(D)
Production workers:								
Total.....number..	37,722	23,943	6,102	4,837	1,973	(D)	867	(D)
Man-hours.....1,000..	74,846	47,699	12,310	9,382	3,673	(D)	1,782	(D)
Wages.....\$1,000..	169,592	108,032	27,184	21,199	8,944	(D)	4,233	(D)
Value added, adjusted.....do....	370,202	231,522	56,997	47,961	20,358	(D)	13,364	(D)
Value of shipments.....do....	517,572	314,478	83,650	70,581	31,153	(D)	17,710	(D)

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3479.--METAL COATING, ENGRAVING, ETC.								
Companies.....number..	1,227	1,117	58	23	10	7	6	6
Establishments.....do....	1,258	1,118	64	26	19	7	6	18
All employees:								
Total.....do....	20,669	9,567	3,756	2,561	1,609	1,192	505	1,479
Payroll.....\$1,000..	107,110	46,921	19,442	13,964	8,532	6,986	2,632	8,633
Production workers:								
Total.....number..	17,113	7,961	3,135	2,082	1,232	1,074	435	1,194
Man-hours.....1,000..	34,998	15,957	6,430	4,367	2,475	2,542	932	2,295
Wages.....\$1,000..	79,136	35,291	14,019	10,029	5,367	6,012	2,011	6,407
Value added, adjusted.....do....	184,546	81,478	34,942	23,114	13,606	11,225	3,818	16,363
Value of shipments.....do....	322,139	115,498	52,671	41,133	33,124	22,198	6,550	50,965
INDUSTRY 3481.--FABRICATED WIRE PRODUCTS, N.E.C.								
Companies.....number..	1,464	1,195	108	85	32	15	13	16
Establishments.....do....	1,567	1,203	119	105	52	28	17	43
All employees:								
Total.....do....	55,514	12,740	7,263	11,523	7,511	3,728	5,099	7,650
Payroll.....\$1,000..	297,626	60,378	37,188	60,238	39,645	19,850	31,965	48,362
Production workers:								
Total.....number..	45,070	10,266	5,923	9,684	5,957	3,046	4,145	6,049
Man-hours.....1,000..	92,096	20,656	12,124	20,395	12,138	6,401	8,270	12,112
Wages.....\$1,000..	213,329	43,107	25,840	43,802	26,937	15,146	22,244	36,253
Value added, adjusted.....do....	539,137	115,514	60,412	108,270	80,154	34,178	49,915	90,694
Value of shipments.....do....	1,030,876	215,698	121,472	197,935	158,714	69,428	95,693	171,936
INDUSTRY 3491.--METAL BARRELS, DRUMS, AND PAILS								
Companies.....number..	95	51	15	14	3	1	2	9
Establishments.....do....	145	51	17	16	5	1	23	32
All employees:								
Total.....do....	10,508	690	1,127	2,345	<u>1,830</u>	(D)	(D)	4,516
Payroll.....\$1,000..	66,614	3,487	6,628	14,525	<u>11,170</u>	(D)	(D)	30,804
Production workers:								
Total.....number..	8,480	566	929	1,913	<u>1,543</u>	(D)	(D)	3,529
Man-hours.....1,000..	17,713	1,154	1,954	4,073	<u>3,483</u>	(D)	(D)	7,049
Wages.....\$1,000..	49,127	2,488	4,746	10,415	<u>8,860</u>	(D)	(D)	22,618
Value added, adjusted.....do....	119,617	6,089	12,943	26,219	<u>24,772</u>	(D)	(D)	49,594
Value of shipments.....do....	303,423	15,420	34,579	60,321	<u>53,716</u>	(D)	(D)	139,387
INDUSTRY 3492.--SAFES AND VAULTS								
Companies.....number..	28	24	2	-	-	-	1	1
Establishments.....do....	32	24	2	-	-	-	3	3
All employees:								
Total.....do....	3,346	<u>3,346</u>	(D)	-	-	-	(D)	(D)
Payroll.....\$1,000..	21,782	<u>21,782</u>	(D)	-	-	-	(D)	(D)
Production workers:								
Total.....number..	2,304	<u>2,304</u>	(D)	-	-	-	(D)	(D)
Man-hours.....1,000..	4,817	<u>4,817</u>	(D)	-	-	-	(D)	(D)
Wages.....\$1,000..	14,041	<u>14,041</u>	(D)	-	-	-	(D)	(D)
Value added, adjusted.....do....	56,223	<u>56,223</u>	(D)	-	-	-	(D)	(D)
Value of shipments.....do....	78,012	<u>78,012</u>	(D)	-	-	-	(D)	(D)
INDUSTRY 3493.--STEEL SPRINGS								
Companies.....number..	91	62	11	6	4	3	-	5
Establishments.....do....	96	62	11	7	6	3	-	7
All employees:								
Total.....do....	6,287	873	749	856	<u>1,796</u>	(D)	-	2,013
Payroll.....\$1,000..	41,321	5,138	4,849	5,893	<u>11,052</u>	(D)	-	14,389
Production workers:								
Total.....number..	5,110	661	602	689	<u>1,506</u>	(D)	-	1,652
Man-hours.....1,000..	10,633	1,347	1,295	1,434	<u>3,028</u>	(D)	-	3,529
Wages.....\$1,000..	31,398	3,528	3,364	4,236	<u>8,840</u>	(D)	-	11,430
Value added, adjusted.....do....	69,305	9,439	8,918	8,737	<u>17,910</u>	(D)	-	24,301
Value of shipments.....do....	157,704	15,848	16,472	20,725	<u>42,388</u>	(D)	-	62,271

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company

Employment Size and Industries: 1963-Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3494.--VALVES AND PIPE FITTINGS								
Companies.....number..	580	346	67	56	34	13	27	37
Establishments.....do....	646	346	68	58	39	15	44	76
All employees:								
Total.....do....	80,407	4,991	4,410	8,044	9,097	6,069	19,502	28,294
Payroll.....\$1,000..	500,009	29,684	26,461	50,145	58,353	36,678	121,873	176,815
Production workers:								
Total.....number..	58,148	3,621	3,244	5,741	6,429	4,269	14,716	20,128
Man-hours.....1,000..	116,929	7,696	6,814	12,015	13,023	7,798	29,909	39,674
Wages.....\$1,000..	321,239	18,380	16,280	29,958	35,467	22,300	84,111	114,743
Value added, adjusted.....do....	942,700	57,955	53,377	88,905	104,474	70,061	228,833	339,095
Value of shipments.....do....	1,588,509	104,175	89,373	161,619	167,587	110,142	368,640	586,973
INDUSTRY 3496.--COLLAPSIBLE TUBES								
Companies.....number..	18	8	1	2	1	4	-	2
Establishments.....do....	24	8	1	2	3	6	-	4
All employees:								
Total.....do....	3,984	929	(D)	(D)	(D)	3,055	-	(D)
Payroll.....\$1,000..	18,804	4,041	(D)	(D)	(D)	14,763	-	(D)
Production workers:								
Total.....number..	3,540	808	(D)	(D)	(D)	2,732	-	(D)
Man-hours.....1,000..	6,923	1,603	(D)	(D)	(D)	5,320	-	(D)
Wages.....\$1,000..	14,771	3,105	(D)	(D)	(D)	11,666	-	(D)
Value added, adjusted.....do....	30,562	6,986	(D)	(D)	(D)	23,576	-	(D)
Value of shipments.....do....	51,027	11,579	(D)	(D)	(D)	39,448	-	(D)
INDUSTRY 3497.--METAL FOIL AND LEAF								
Companies.....number..	56	36	8	1	2	-	-	9
Establishments.....do....	67	37	8	2	3	-	-	17
All employees:								
Total.....do....	4,981	571	1,107	(D)	(D)	-	-	3,303
Payroll.....\$1,000..	32,438	3,440	7,053	(D)	(D)	-	-	21,945
Production workers:								
Total.....number..	3,733	432	813	(D)	(D)	-	-	2,488
Man-hours.....1,000..	7,831	888	1,744	(D)	(D)	-	-	5,199
Wages.....\$1,000..	21,775	2,213	4,345	(D)	(D)	-	-	15,217
Value added, adjusted.....do....	63,486	7,818	13,919	(D)	(D)	-	-	41,749
Value of shipments.....do....	180,567	22,312	26,953	(D)	(D)	-	-	131,302
INDUSTRY 3498.--FABRICATED PIPE AND FITTINGS								
Companies.....number..	328	256	28	21	3	7	3	10
Establishments.....do....	349	257	31	26	4	13	4	14
All employees:								
Total.....do....	13,007	3,133	1,715	3,941	(D)	2,219	(D)	1,999
Payroll.....\$1,000..	79,087	17,587	10,105	25,442	(D)	13,716	(D)	12,237
Production workers:								
Total.....number..	9,346	2,426	1,268	2,855	(D)	1,542	(D)	1,255
Man-hours.....1,000..	18,733	4,764	2,545	5,859	(D)	2,973	(D)	2,592
Wages.....\$1,000..	51,671	12,013	6,454	16,065	(D)	8,738	(D)	8,401
Value added, adjusted.....do....	144,598	31,003	18,317	46,476	(D)	22,429	(D)	26,373
Value of shipments.....do....	305,640	71,376	37,345	92,826	(D)	43,615	(D)	60,478
INDUSTRY 3499.--FABRICATED METAL PRODUCTS, N.E.C.								
Companies.....number..	1,254	1,095	76	30	14	4	21	14
Establishments.....do....	1,277	1,099	79	31	14	4	28	22
All employees:								
Total.....do....	28,302	11,038	4,774	3,492	2,385	534	3,128	2,951
Payroll.....\$1,000..	151,919	54,938	25,346	18,417	12,994	3,183	19,998	17,043
Production workers:								
Total.....number..	22,209	8,836	3,715	2,789	1,767	364	2,472	2,266
Man-hours.....1,000..	45,673	17,846	7,741	5,693	3,737	762	5,316	4,578
Wages.....\$1,000..	105,063	38,619	16,732	12,533	8,348	1,883	15,010	11,938
Value added, adjusted.....do....	299,326	102,701	47,916	31,739	21,325	5,922	54,765	34,958
Value of shipments.....do....	573,185	191,161	88,084	66,476	42,778	9,301	107,973	67,412

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company

Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
	MAJOR GROUP 35.--MACHINERY, EXCEPT ELECTRICAL							
Companies.....number..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Establishments.....do....	33,703	28,993	1,526	1,016	484	340	377	967
All employees:								
Total.....do....	1,459,377	258,919	96,994	126,952	95,095	84,152	140,809	656,456
Payroll.....\$1,000..	9,570,984	1,582,052	619,891	823,241	611,098	541,928	915,377	4,477,397
Production workers:								
Total.....number..	1,045,075	204,961	73,025	90,683	66,651	57,964	98,049	453,742
Man-hours.....1,000..	2,151,057	425,458	155,530	191,208	141,695	120,987	203,324	912,855
Wages.....\$1,000..	6,209,341	1,164,811	411,117	517,694	374,308	327,829	578,656	2,834,926
Value added, adjusted.....do....	17,310,599	2,698,739	1,074,067	1,453,786	1,145,074	1,046,183	1,708,639	8,184,111
Value of shipments ⁴do....	30,363,095	4,248,313	1,823,878	2,531,541	1,983,129	1,822,579	3,008,406	14,945,249
	INDUSTRY 3511.--STEAM ENGINES AND TURBINES							
Companies.....number..	17	1	3	2	2	-	-	9
Establishments.....do....	22	1	3	2	2	-	-	14
All employees:								
Total.....do....	30,917	215	(D)	533	(D)	-	-	30,169
Payroll.....\$1,000..	237,519	1,329	(D)	3,317	(D)	-	-	232,873
Production workers:								
Total.....number..	19,894	149	(D)	331	(D)	-	-	19,414
Man-hours.....1,000..	38,933	306	(D)	686	(D)	-	-	37,941
Wages.....\$1,000..	141,738	800	(D)	1,811	(D)	-	-	139,127
Value added, adjusted.....do....	379,875	2,191	(D)	6,756	(D)	-	-	370,928
Value of shipments.....do....	616,416	3,863	(D)	10,125	(D)	-	-	602,428
	INDUSTRY 3519.--INTERNAL COMBUSTION ENGINES							
Companies.....number..	120	73	5	5	1	3	7	26
Establishments.....do....	143	74	6	6	1	7	9	40
All employees:								
Total.....do....	55,687	302	242	2,810	(D)	(D)	4,284	47,549
Payroll.....\$1,000..	371,800	4,591	1,665	16,982	(D)	(D)	26,357	322,205
Production workers:								
Total.....number..	41,754	589	181	2,101	(D)	(D)	3,130	35,753
Man-hours.....1,000..	84,996	1,150	360	4,343	(D)	(D)	6,402	72,741
Wages.....\$1,000..	260,005	2,974	1,119	10,938	(D)	(D)	18,392	226,582
Value added, adjusted.....do....	733,628	7,385	1,293	33,434	(D)	(D)	36,182	655,334
Value of shipments.....do....	1,473,574	14,938	3,061	67,978	(D)	(D)	78,491	1,309,106
	INDUSTRY 3522.--FARM MACHINERY AND EQUIPMENT							
Companies.....number..	1,481	1,223	120	60	30	16	7	25
Establishments.....do....	1,568	1,228	125	67	34	35	10	69
All employees:								
Total.....do....	112,614	12,881	7,946	8,525	6,729	9,693	(D)	66,840
Payroll.....\$1,000..	689,122	62,410	39,766	43,918	36,047	58,596	(D)	448,385
Production workers:								
Total.....number..	84,650	9,942	6,081	6,540	4,560	6,828	(D)	50,699
Man-hours.....1,000..	168,911	20,195	12,607	13,599	9,787	14,364	(D)	98,359
Wages.....\$1,000..	476,827	42,674	25,475	28,873	19,866	36,731	(D)	323,208
Value added, adjusted.....do....	1,328,381	121,719	85,391	86,660	73,011	170,179	(D)	791,421
Value of shipments.....do....	2,842,243	258,003	183,762	191,196	162,168	350,786	(D)	1,696,328
	INDUSTRY 3531.--CONSTRUCTION MACHINERY							
Companies.....number..	561	382	52	45	21	12	18	31
Establishments.....do....	617	382	53	50	23	16	26	67
All employees:								
Total.....do....	104,520	4,373	3,663	6,605	5,622	4,898	8,255	71,104
Payroll.....\$1,000..	683,728	26,602	22,590	41,546	34,984	30,746	53,344	473,916
Production workers:								
Total.....number..	76,526	3,205	2,750	4,710	4,028	3,458	5,926	52,449
Man-hours.....1,000..	155,267	6,593	5,739	9,723	8,187	7,013	12,430	105,582
Wages.....\$1,000..	462,411	17,294	14,377	25,542	22,293	19,194	35,322	328,389
Value added, adjusted.....do....	1,301,266	47,436	42,884	74,253	64,753	65,849	83,426	922,665
Value of shipments.....do....	2,696,039	98,013	86,218	145,705	146,785	139,806	192,625	1,886,887

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3532.--MINING MACHINERY AND EQUIPMENT								
Companies.....number..	198	141	21	14	3	4	7	8
Establishments.....do....	204	141	21	15	3	7	7	10
All employees:								
Total.....do....	16,910	1,715	1,273	2,407	(D)	1,583	4,331	5,601
Payroll.....\$1,000..	109,531	11,069	7,515	16,145	(D)	9,001	27,897	37,904
Production workers:								
Total.....number..	11,814	1,212	916	1,644	(D)	1,207	2,908	3,927
Man-hours.....1,000..	23,289	2,314	1,717	3,404	(D)	2,369	5,821	7,664
Wages.....\$1,000..	67,669	6,520	4,558	9,516	(D)	6,255	16,786	24,034
Value added, adjusted.....do....	215,406	21,805	17,906	30,695	(D)	12,755	54,357	77,888
Value of shipments.....do....	417,616	40,195	29,208	58,571	(D)	24,295	99,485	165,862
INDUSTRY 3533.--OIL FIELD MACHINERY								
Companies.....number..	373	277	37	23	8	4	8	16
Establishments.....do....	408	285	41	24	13	5	12	28
All employees:								
Total.....do....	29,203	3,058	2,472	3,258	2,425	1,573	6,002	10,415
Payroll.....\$1,000..	184,288	18,945	15,149	21,521	14,015	10,528	37,809	66,321
Production workers:								
Total.....number..	20,114	2,192	1,761	2,227	1,606	1,086	4,553	6,689
Man-hours.....1,000..	41,409	4,660	3,693	4,848	3,294	2,278	9,346	13,290
Wages.....\$1,000..	113,526	12,287	9,285	13,395	8,252	6,523	26,231	37,553
Value added, adjusted.....do....	398,152	40,682	29,810	43,138	28,003	22,952	94,676	138,891
Value of shipments.....do....	666,532	66,572	50,832	82,172	52,790	33,891	148,348	231,927
INDUSTRY 3534.--ELEVATORS AND MOVING STAIRWAYS								
Companies.....number..	126	91	13	7	8	-	2	5
Establishments.....do....	142	92	14	10	10	-	3	13
All employees:								
Total.....do....	12,393	1,349	861	952	2,475	-	(D)	6,756
Payroll.....\$1,000..	88,389	9,463	6,148	6,477	17,281	-	(D)	49,020
Production workers:								
Total.....number..	7,427	828	517	642	1,373	-	(D)	4,067
Man-hours.....1,000..	15,458	1,667	1,047	1,360	2,803	-	(D)	8,581
Wages.....\$1,000..	49,634	4,941	3,391	3,837	8,769	-	(D)	28,696
Value added, adjusted.....do....	201,527	17,067	9,656	11,508	28,646	-	(D)	134,650
Value of shipments.....do....	318,616	30,185	15,965	20,253	53,749	-	(D)	198,464
INDUSTRY 3535.--CONVEYORS								
Companies.....number..	428	350	20	26	11	9	3	9
Establishments.....do....	454	351	20	29	13	15	4	22
All employees:								
Total.....do....	20,778	4,141	1,248	3,005	2,518	3,334	428	6,104
Payroll.....\$1,000..	140,617	25,584	7,915	19,658	19,958	25,312	2,777	39,413
Production workers:								
Total.....number..	12,642	2,900	771	1,920	1,453	1,923	269	3,406
Man-hours.....1,000..	26,312	5,832	1,580	4,160	3,112	3,945	526	7,157
Wages.....\$1,000..	74,020	16,105	4,328	10,500	9,520	11,991	1,529	20,047
Value added, adjusted.....do....	270,475	43,617	13,680	41,004	40,739	47,015	5,586	78,834
Value of shipments.....do....	494,632	82,190	25,979	79,312	68,844	84,959	11,195	142,153
INDUSTRY 3536.--HOISTS, CRANES, AND MONORAILS								
Companies.....number..	120	79	12	6	3	9	5	6
Establishments.....do....	120	79	12	6	3	9	5	6
All employees:								
Total.....do....	9,585	1,023	707	1,137	520	2,296	1,703	2,199
Payroll.....\$1,000..	64,301	6,925	4,751	7,750	3,105	15,783	13,010	12,977
Production workers:								
Total.....number..	6,776	709	542	808	335	1,553	1,228	1,601
Man-hours.....1,000..	13,980	1,413	1,128	1,631	662	3,130	2,729	3,287
Wages.....\$1,000..	41,433	4,260	3,284	4,762	1,673	9,731	8,711	9,012
Value added, adjusted.....do....	112,327	12,087	7,825	12,603	5,800	26,538	24,175	23,299
Value of shipments.....do....	220,015	21,823	14,799	23,401	9,361	59,382	44,131	47,118

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3537.--INDUSTRIAL TRUCKS AND TRACTORS								
Companies.....number..	304	245	26	9	9	2	6	7
Establishments.....do....	314	245	28	9	10	3	11	8
All employees:								
Total.....do....	17,570	2,866	1,637	1,122	1,707	4,301	(D)	5,937
Payroll.....\$1,000..	110,444	15,320	9,206	6,972	8,876	28,364	(D)	41,706
Production workers:								
Total.....number..	11,454	2,157	1,248	787	1,068	2,791	(D)	3,403
Man-hours.....1,000..	23,815	4,369	2,703	1,701	2,277	5,585	(D)	7,180
Wages.....\$1,000..	64,476	10,300	5,872	4,143	4,917	16,124	(D)	23,120
Value added, adjusted.....do....	233,116	28,243	19,135	12,317	23,282	61,123	(D)	89,016
Value of shipments.....do....	446,957	58,005	35,576	23,994	38,161	125,873	(D)	165,348
INDUSTRY 3541.--METAL-CUTTING MACHINE TOOLS								
Companies.....number..	784	628	53	43	18	7	17	18
Establishments.....do....	801	630	53	44	20	9	21	24
All employees:								
Total.....do....	61,058	6,323	3,293	5,907	4,832	3,701	15,914	21,088
Payroll.....\$1,000..	438,222	40,258	24,048	43,219	36,072	27,190	117,495	149,940
Production workers:								
Total.....number..	41,008	4,895	2,464	4,126	3,388	3,021	10,483	12,631
Man-hours.....1,000..	86,486	9,984	5,412	8,794	7,836	6,618	22,717	25,125
Wages.....\$1,000..	272,243	28,780	16,222	27,766	23,217	20,831	71,213	84,214
Value added, adjusted.....do....	699,341	68,255	38,006	76,207	62,247	55,861	172,257	226,508
Value of shipments.....do....	1,060,818	104,067	62,445	120,347	97,208	82,961	266,029	327,761
INDUSTRY 3542.--METAL-FORMING MACHINE TOOLS								
Companies.....number..	362	272	34	21	4	7	8	16
Establishments.....do....	366	272	34	21	4	7	9	19
All employees:								
Total.....do....	22,078	3,191	2,283	3,201	1,056	3,223	2,506	6,618
Payroll.....\$1,000..	161,669	21,597	15,982	22,626	7,900	24,624	17,349	51,591
Production workers:								
Total.....number..	15,782	2,441	1,734	2,152	838	2,237	1,670	4,710
Man-hours.....1,000..	34,633	5,319	3,615	4,688	2,029	5,078	3,663	10,241
Wages.....\$1,000..	107,381	15,467	10,622	13,400	5,987	15,450	11,373	35,082
Value added, adjusted.....do....	281,287	36,586	28,606	42,191	16,599	49,429	23,072	84,804
Value of shipments.....do....	441,419	56,544	42,297	73,893	24,810	73,789	42,502	127,584
INDUSTRY 3544.--SPECIAL DIES AND TOOLS								
Companies.....number..	5,850	5,508	186	81	27	8	15	25
Establishments.....do....	5,896	5,516	189	88	36	12	21	34
All employees:								
Total.....do....	90,860	52,545	11,855	10,226	5,090	1,477	1,378	8,289
Payroll.....\$1,000..	682,739	370,049	94,278	87,055	39,307	9,901	9,328	72,821
Production workers:								
Total.....number..	76,002	44,329	9,968	8,456	4,255	1,204	1,070	6,720
Man-hours.....1,000..	169,313	97,090	23,087	19,664	9,618	2,361	2,494	14,999
Wages.....\$1,000..	543,033	299,495	73,143	67,606	30,884	7,624	7,044	57,237
Value added, adjusted.....do....	1,029,338	577,371	138,677	126,654	60,501	14,601	15,937	95,597
Value of shipments.....do....	1,388,794	775,210	184,834	172,495	83,784	19,622	27,991	124,858
INDUSTRY 3545.--MACHINE TOOL ACCESSORIES								
Companies.....number..	983	819	69	35	29	6	15	10
Establishments.....do....	1,038	821	72	39	46	10	26	24
All employees:								
Total.....do....	46,994	8,861	4,724	4,992	7,717	1,344	9,230	10,126
Payroll.....\$1,000..	312,799	59,435	31,425	32,213	53,270	7,436	58,372	70,648
Production workers:								
Total.....number..	34,560	6,984	3,612	3,677	5,620	947	7,142	6,578
Man-hours.....1,000..	72,037	14,841	7,826	7,652	11,748	1,934	14,455	13,581
Wages.....\$1,000..	208,086	42,797	21,505	21,124	34,058	4,688	41,669	42,245
Value added, adjusted.....do....	559,258	103,238	53,937	53,844	95,164	16,888	112,616	123,571
Value of shipments.....do....	787,338	146,721	79,119	77,368	130,514	20,649	163,636	169,331

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3548.--METALWORKING MACHINERY, N.E.C.								
Companies.....number..	420	316	30	17	13	8	8	28
Establishments.....do....	435	316	31	17	15	9	9	38
All employees:								
Total.....do....	38,012	3,151	1,977	2,450	3,137	3,242	5,271	18,784
Payroll.....\$1,000..	246,242	19,127	13,193	15,827	22,424	21,897	34,031	119,743
Production workers:								
Total.....number..	28,257	2,370	1,415	1,671	2,244	2,391	3,860	14,306
Man-hours.....1,000..	57,094	4,687	2,931	3,376	4,630	4,974	8,155	28,341
Wages.....\$1,000..	161,837	12,475	7,595	8,907	13,797	13,752	21,398	83,913
Value added, adjusted.....do....	468,435	34,561	24,398	30,422	43,419	36,026	64,931	234,678
Value of shipments.....do....	796,327	57,609	39,719	54,411	70,960	67,990	105,633	400,005
INDUSTRY 3551.--FOOD PRODUCTS MACHINERY								
Companies.....number..	649	515	53	36	10	5	12	18
Establishments.....do....	681	516	54	39	14	7	16	35
All employees:								
Total.....do....	31,684	6,317	3,632	4,459	2,777	2,770	3,820	7,909
Payroll.....\$1,000..	205,368	38,765	23,056	27,647	17,699	19,503	25,097	53,601
Production workers:								
Total.....number..	21,018	4,657	2,597	2,975	1,925	1,539	2,405	4,920
Man-hours.....1,000..	43,276	9,709	5,464	6,172	4,004	3,281	4,892	9,754
Wages.....\$1,000..	118,036	25,025	14,364	15,728	10,301	8,841	13,710	30,067
Value added, adjusted.....do....	380,406	68,378	44,960	48,477	34,441	32,256	41,696	110,198
Value of shipments.....do....	640,507	118,414	75,123	91,871	54,385	51,383	70,958	178,373
INDUSTRY 3552.--TEXTILE MACHINERY								
Companies.....number..	529	442	32	25	11	2	6	11
Establishments.....do....	561	444	32	28	13	5	13	26
All employees:								
Total.....do....	36,004	5,423	2,028	3,348	3,499	(D)	6,201	15,505
Payroll.....\$1,000..	196,379	27,547	10,326	18,937	17,426	(D)	38,336	83,807
Production workers:								
Total.....number..	26,870	4,286	1,571	2,399	2,747	(D)	4,179	11,688
Man-hours.....1,000..	56,145	8,935	3,267	5,115	5,801	(D)	9,069	23,958
Wages.....\$1,000..	129,064	18,776	6,560	11,394	11,263	(D)	23,390	57,681
Value added, adjusted.....do....	314,190	45,870	17,388	31,985	32,144	(D)	62,200	124,603
Value of shipments.....do....	542,684	78,252	30,705	56,275	51,656	(D)	97,595	228,201
INDUSTRY 3553.--WOODWORKING MACHINERY								
Companies.....number..	245	190	24	13	3	3	4	8
Establishments.....do....	249	193	24	14	3	3	4	8
All employees:								
Total.....do....	12,057	2,154	1,575	2,018	4,207	(D)	(D)	2,103
Payroll.....\$1,000..	72,928	12,525	10,169	13,004	26,133	(D)	(D)	11,097
Production workers:								
Total.....number..	8,725	1,643	1,168	1,388	3,068	(D)	(D)	1,458
Man-hours.....1,000..	17,662	3,204	2,427	2,959	6,254	(D)	(D)	2,818
Wages.....\$1,000..	45,877	8,632	6,742	7,663	15,961	(D)	(D)	6,879
Value added, adjusted.....do....	146,998	22,593	16,922	20,465	49,316	(D)	(D)	37,702
Value of shipments.....do....	252,762	41,037	33,559	36,306	80,536	(D)	(D)	61,324
INDUSTRY 3554.--PAPER INDUSTRIES MACHINERY								
Companies.....number..	204	153	11	13	5	6	1	12
Establishments.....do....	217	154	11	16	9	7	3	17
All employees:								
Total.....do....	18,605	1,887	706	1,795	2,588	4,626	(D)	7,003
Payroll.....\$1,000..	130,614	11,962	4,687	13,262	18,556	33,482	(D)	48,665
Production workers:								
Total.....number..	12,914	1,370	502	1,244	1,650	2,754	(D)	5,394
Man-hours.....1,000..	27,233	2,786	1,048	2,714	3,508	6,343	(D)	10,834
Wages.....\$1,000..	47,800	2,917	2,917	7,941	10,439	17,889	(D)	35,166
Value added, adjusted.....do....	217,475	19,670	6,725	23,459	33,155	57,976	(D)	76,490
Value of shipments.....do....	403,925	33,472	11,225	40,008	55,103	106,595	(D)	157,522

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3555.--PRINTING TRADES MACHINERY								
Companies.....number..	463	395	20	20	6	6	4	12
Establishments.....do....	490	397	20	21	10	13	4	25
All employees:								
Total.....do.....	22,952	3,683	1,117	2,823	1,320	2,873	1,194	9,942
Payroll.....\$1,000..	159,407	23,506	7,265	19,121	9,342	18,786	8,605	72,782
Production workers:								
Total.....number..	16,437	2,702	826	1,974	1,032	2,111	930	6,862
Man-hours.....1,000..	34,269	5,470	1,664	4,155	2,403	4,568	1,816	14,193
Wages.....\$1,000..	104,446	15,847	4,594	11,691	6,521	12,870	6,443	46,480
Value added, adjusted.....do....	285,879	43,960	15,583	33,342	13,839	28,891	12,015	138,249
Value of shipments.....do....	448,398	70,966	22,963	46,788	21,728	41,987	17,550	226,416
INDUSTRY 3559.--SPECIAL INDUSTRY MACHINES, N.E.C.								
Companies.....number..	1,074	857	81	52	21	18	18	27
Establishments.....do....	1,092	857	83	55	22	19	22	34
All employees:								
Total.....do.....	50,226	9,401	5,354	6,509	4,216	4,938	5,941	13,867
Payroll.....\$1,000..	330,127	56,768	35,014	41,733	26,577	32,545	41,441	96,049
Production workers:								
Total.....number..	34,063	6,798	3,748	4,252	2,963	3,038	3,857	9,407
Man-hours.....1,000..	70,932	13,933	8,215	8,780	6,290	6,463	7,811	19,440
Wages.....\$1,000..	199,400	36,554	20,972	24,872	16,433	18,091	23,866	58,612
Value added, adjusted.....do....	572,236	101,326	64,472	72,023	48,507	63,478	78,087	144,343
Value of shipments.....do....	1,015,014	177,632	111,971	132,194	86,033	130,025	131,177	245,982
INDUSTRY 3561.--PUMPS AND COMPRESSORS								
Companies.....number..	589	436	33	43	26	13	10	28
Establishments.....do....	642	439	36	44	36	16	10	61
All employees:								
Total.....do.....	61,322	4,443	2,158	6,246	7,145	5,114	2,560	33,656
Payroll.....\$1,000..	395,769	26,144	13,407	40,540	44,834	34,153	16,698	219,993
Production workers:								
Total.....number..	38,934	3,045	1,372	3,860	4,974	3,188	1,499	20,996
Man-hours.....1,000..	80,825	6,257	2,779	8,033	10,577	6,558	3,053	43,568
Wages.....\$1,000..	224,721	15,435	6,973	21,711	27,377	19,076	8,697	125,452
Value added, adjusted.....do....	768,787	50,060	26,444	79,924	96,432	71,156	26,616	418,155
Value of shipments.....do....	1,419,081	95,821	47,488	147,336	164,104	126,705	48,922	788,705
INDUSTRY 3562.--BALL AND ROLLER BEARINGS								
Companies.....number..	93	43	9	12	5	5	5	14
Establishments.....do....	125	43	9	12	7	9	8	37
All employees:								
Total.....do.....	52,316	737	614	1,682	1,442	2,706	4,493	40,642
Payroll.....\$1,000..	348,700	4,305	3,344	10,310	7,889	16,369	29,225	277,258
Production workers:								
Total.....number..	42,003	594	475	1,408	1,288	2,079	3,436	32,723
Man-hours.....1,000..	85,970	1,232	994	2,805	2,726	4,345	7,319	66,549
Wages.....\$1,000..	263,022	2,947	2,267	7,336	6,587	10,997	20,144	212,744
Value added, adjusted.....do....	627,694	7,416	6,053	19,154	13,955	26,478	47,378	507,260
Value of shipments.....do....	998,784	13,210	9,369	29,324	22,329	34,442	79,218	810,892
INDUSTRY 3564.--BLOWERS AND FANS								
Companies.....number..	225	164	21	12	8	4	5	11
Establishments.....do....	237	164	21	15	9	7	9	12
All employees:								
Total.....do.....	15,224	1,645	1,489	1,918	1,968	1,384	3,352	3,468
Payroll.....\$1,000..	94,090	9,591	8,729	12,300	12,995	8,281	20,059	22,135
Production workers:								
Total.....number..	10,733	1,190	1,061	1,349	1,277	866	2,656	2,334
Man-hours.....1,000..	21,616	2,395	2,151	2,664	2,693	1,809	5,318	4,586
Wages.....\$1,000..	57,776	6,000	5,091	7,484	6,405	4,653	14,452	13,691
Value added, adjusted.....do....	180,801	17,014	18,763	25,626	25,918	16,906	43,363	33,211
Value of shipments.....do....	315,285	29,972	34,905	43,359	42,209	28,357	72,661	63,822

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3565.--INDUSTRIAL PATTERNS								
Companies.....number..	1,206	1,168	23	8	3	1	3	-
Establishments.....do....	1,209	1,168	24	9	4	1	3	-
All employees:								
Total.....do.....	9,914	7,242	1,358	685	629	(D)	(D)	-
Payroll.....\$1,000..	75,605	51,878	11,952	6,268	5,507	(D)	(D)	-
Production workers:								
Total.....number..	8,685	6,331	1,193	608	553	(D)	(D)	-
Man-hours.....1,000..	17,710	12,402	2,501	1,357	1,450	(D)	(D)	-
Wages.....\$1,000..	64,877	45,152	9,951	5,088	4,686	(D)	(D)	-
Value added, adjusted.....do....	112,587	79,630	16,031	8,994	7,932	(D)	(D)	-
Value of shipments.....do....	140,696	100,808	20,251	10,526	9,111	(D)	(D)	-
INDUSTRY 3566.--POWER TRANSMISSION EQUIPMENT								
Companies.....number..	498	351	45	44	19	7	8	24
Establishments.....do....	532	351	46	48	21	8	11	47
All employees:								
Total.....do.....	46,670	4,700	3,138	5,856	5,023	1,981	7,394	18,578
Payroll.....\$1,000..	303,314	28,947	20,125	36,289	30,115	14,894	52,974	119,970
Production workers:								
Total.....number..	34,400	3,663	2,384	4,237	3,798	1,552	5,086	13,680
Man-hours.....1,000..	71,101	7,647	5,116	9,035	7,856	3,513	10,241	27,693
Wages.....\$1,000..	203,941	20,230	13,683	23,075	20,234	10,673	32,450	83,596
Value added, adjusted.....do....	555,710	50,935	32,554	64,349	57,275	26,383	94,480	229,734
Value of shipments.....do....	888,641	82,047	54,720	103,663	93,507	40,660	143,471	370,573
INDUSTRY 3567.--INDUSTRIAL FURNACES AND OVENS								
Companies.....number..	229	168	15	19	7	8	4	8
Establishments.....do....	238	170	16	19	9	8	4	12
All employees:								
Total.....do.....	12,118	1,692	1,037	2,207	1,261	1,373	775	3,773
Payroll.....\$1,000..	83,738	11,622	6,896	15,625	9,021	8,536	4,596	27,442
Production workers:								
Total.....number..	6,782	1,109	720	1,292	573	764	521	1,803
Man-hours.....1,000..	13,963	2,301	1,534	2,700	1,219	1,591	989	3,629
Wages.....\$1,000..	38,731	6,674	3,895	7,056	3,544	4,159	2,765	10,638
Value added, adjusted.....do....	143,009	19,208	12,691	24,652	14,146	21,281	9,723	41,308
Value of shipments.....do....	279,058	39,237	21,395	47,806	30,622	52,457	20,045	67,496
INDUSTRY 3569.--GENERAL INDUSTRY MACHINES, N.E.C.								
Companies.....number..	754	606	60	43	3	13	8	21
Establishments.....do....	777	606	61	49	4	21	10	26
All employees:								
Total.....do.....	35,559	6,820	3,865	5,536	831	4,537	2,128	11,842
Payroll.....\$1,000..	240,816	40,097	24,477	34,328	5,353	28,926	13,472	94,163
Production workers:								
Total.....number..	20,332	4,967	2,630	3,770	494	2,911	1,353	4,207
Man-hours.....1,000..	40,869	9,667	5,392	7,523	1,103	5,689	2,771	8,724
Wages.....\$1,000..	109,354	25,432	14,325	19,580	2,444	15,403	7,360	24,810
Value added, adjusted.....do....	424,084	75,061	44,652	67,862	11,276	49,927	43,999	131,307
Value of shipments.....do....	691,280	130,742	79,496	105,977	19,051	78,830	61,149	216,035
INDUSTRY 3571.--COMPUTING AND RELATED MACHINES								
Companies.....number..	213	130	15	12	9	9	9	29
Establishments.....do....	248	130	15	12	10	11	11	59
All employees:								
Total.....do.....	96,370	1,409	931	1,726	2,381	3,740	3,521	82,662
Payroll.....\$1,000..	703,231	9,133	5,831	11,259	16,376	21,344	22,173	617,115
Production workers:								
Total.....number..	58,985	903	621	1,126	1,453	2,369	2,287	50,226
Man-hours.....1,000..	119,521	1,770	1,193	2,296	2,849	5,093	5,007	101,313
Wages.....\$1,000..	369,459	4,491	3,249	5,416	6,922	11,262	12,910	325,209
Value added, adjusted.....do....	1,101,484	14,336	9,960	19,464	29,801	32,278	37,619	958,026
Value of shipments.....do....	2,019,714	21,607	12,949	26,119	39,670	56,310	57,019	1,806,040

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² —						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3572.—TYPEWRITERS								
Companies.....number..	17	8	-	-	-	1	-	8
Establishments.....do....	21	9	-	-	-	1	-	11
All employees:								
Total.....do.....	18,023	290	-	-	-	(D)	-	17,733
Payroll.....\$1,000..	102,885	1,391	-	-	-	(D)	-	101,494
Production workers:								
Total.....number..	13,940	264	-	-	-	(D)	-	13,676
Man-hours.....1,000..	27,076	446	-	-	-	(D)	-	26,630
Wages.....\$1,000..	71,068	1,113	-	-	-	(D)	-	69,955
Value added, adjusted.....do....	243,190	1,735	-	-	-	(D)	-	241,455
Value of shipments.....do....	315,385	3,214	-	-	-	(D)	-	312,171
INDUSTRY 3576.—SCALES AND BALANCES								
Companies.....number..	81	59	6	6	3	2	2	3
Establishments.....do....	85	59	6	6	3	3	2	6
All employees:								
Total.....do.....	5,765	582	406	683	832	3,262	(D)	(D)
Payroll.....\$1,000..	35,052	3,658	2,634	4,035	4,293	20,432	(D)	(D)
Production workers:								
Total.....number..	3,725	421	290	471	639	1,904	(D)	(D)
Man-hours.....1,000..	7,678	853	655	940	1,395	3,835	(D)	(D)
Wages.....\$1,000..	19,919	2,383	1,637	2,191	3,085	10,623	(D)	(D)
Value added, adjusted.....do....	64,362	7,081	4,299	7,288	9,033	36,661	(D)	(D)
Value of shipments.....do....	98,491	11,558	6,779	10,796	15,634	53,724	(D)	(D)
INDUSTRY 3579.—OFFICE MACHINES, N.E.C.								
Companies.....number..	158	107	15	9	7	5	7	8
Establishments.....do....	161	107	15	9	7	6	8	9
All employees:								
Total.....do.....	16,980	1,167	947	1,171	2,026	824	4,083	6,762
Payroll.....\$1,000..	104,053	6,480	5,436	5,955	10,952	5,172	24,834	45,224
Production workers:								
Total.....number..	11,616	869	762	864	1,350	497	2,676	4,598
Man-hours.....1,000..	22,996	1,760	1,605	1,721	2,685	1,037	5,462	8,726
Wages.....\$1,000..	63,258	4,029	3,472	3,742	6,327	2,449	14,871	28,368
Value added, adjusted.....do....	224,654	10,717	9,252	8,610	17,298	8,909	49,703	120,165
Value of shipments.....do....	349,210	18,985	15,619	15,982	27,653	11,652	90,904	168,415
INDUSTRY 3581.—AUTOMATIC VENDING MACHINES								
Companies.....number..	148	110	20	9	3	-	3	3
Establishments.....do....	158	111	20	9	4	-	6	8
All employees:								
Total.....do.....	11,672	1,335	1,474	1,233	4,296	-	(D)	3,334
Payroll.....\$1,000..	64,791	6,686	7,089	6,716	25,612	-	(D)	18,688
Production workers:								
Total.....number..	8,442	972	1,082	955	2,884	-	(D)	2,549
Man-hours.....1,000..	16,790	1,900	2,255	1,952	5,734	-	(D)	4,949
Wages.....\$1,000..	40,427	4,219	4,625	4,556	14,763	-	(D)	12,264
Value added, adjusted.....do....	121,365	11,753	10,264	12,414	44,314	-	(D)	42,620
Value of shipments.....do....	238,000	22,192	22,909	25,192	85,753	-	(D)	81,954
INDUSTRY 3582.—COMMERCIAL LAUNDRY EQUIPMENT								
Companies.....number..	107	80	12	10	3	-	-	2
Establishments.....do....	115	80	12	11	3	-	-	9
All employees:								
Total.....do.....	6,542	989	846	1,365	3,342	-	-	(D)
Payroll.....\$1,000..	37,929	6,107	4,905	7,281	19,636	-	-	(D)
Production workers:								
Total.....number..	4,667	726	623	907	2,411	-	-	(D)
Man-hours.....1,000..	9,605	1,507	1,323	1,829	4,946	-	-	(D)
Wages.....\$1,000..	23,462	3,773	2,798	4,012	12,879	-	-	(D)
Value added, adjusted.....do....	70,771	11,704	10,423	12,364	36,280	-	-	(D)
Value of shipments.....do....	136,757	24,390	18,235	27,026	67,106	-	-	(D)

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² —						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3585.--REFRIGERATION MACHINERY								
Companies.....number..	655	460	62	48	26	12	14	33
Establishments.....do....	698	462	64	50	29	17	21	55
All employees:								
Total.....do....	72,330	5,870	4,099	6,735	6,576	3,809	8,888	36,353
Payroll.....\$1,000..	432,583	31,928	24,408	37,713	37,390	20,997	49,848	230,299
Production workers:								
Total.....number..	50,676	4,532	2,951	4,923	4,430	3,034	6,301	24,505
Man-hours.....1,000..	101,231	9,166	5,912	9,439	9,111	6,519	12,484	48,600
Wages.....\$1,000..	268,304	21,667	14,746	22,436	22,070	15,189	34,030	138,166
Value added, adjusted.....do....	892,686	66,211	37,542	70,544	69,421	63,436	107,869	477,663
Value of shipments ⁴do....	1,928,001	132,392	81,762	143,622	155,004	107,376	230,437	1,077,408
INDUSTRY 3586.--MEASURING AND DISPENSING PUMPS								
Companies.....number..	42	23	2	5	-	2	3	7
Establishments.....do....	43	23	2	5	-	3	3	7
All employees:								
Total.....do....	6,768	485	(D)	2,383	-	(D)	(D)	3,900
Payroll.....\$1,000..	41,732	2,778	(D)	14,048	-	(D)	(D)	24,906
Production workers:								
Total.....number..	4,499	328	(D)	1,759	-	(D)	(D)	2,412
Man-hours.....1,000..	8,913	676	(D)	3,559	-	(D)	(D)	4,678
Wages.....\$1,000..	23,155	1,453	(D)	8,732	-	(D)	(D)	12,970
Value added, adjusted.....do....	91,713	4,599	(D)	35,347	-	(D)	(D)	51,767
Value of shipments.....do....	159,487	8,022	(D)	63,487	-	(D)	(D)	87,978
INDUSTRY 3589.--SERVICE INDUSTRY MACHINES, N.E.C.								
Companies.....number..	496	411	41	17	7	9	3	8
Establishments.....do....	506	411	42	18	8	12	4	11
All employees:								
Total.....do....	15,257	3,720	2,752	2,212	1,443	2,258	664	2,208
Payroll.....\$1,000..	96,834	22,959	16,429	14,006	10,267	13,683	4,173	15,317
Production workers:								
Total.....number..	9,524	2,522	1,789	1,410	796	1,549	352	1,106
Man-hours.....1,000..	19,423	5,205	3,793	2,890	1,646	3,053	643	2,193
Wages.....\$1,000..	51,279	13,514	8,878	8,136	4,376	8,203	1,751	6,421
Value added, adjusted.....do....	192,379	45,342	32,202	24,381	22,644	22,704	9,662	35,444
Value of shipments.....do....	378,300	86,487	62,748	51,888	43,304	49,299	17,238	67,336
INDUSTRY 3599.--MISCELLANEOUS MACHINERY								
Companies.....number..	12,032	11,651	208	89	22	14	21	27
Establishments.....do....	12,090	11,666	211	100	26	19	32	36
All employees:								
Total.....do....	135,820	80,905	12,943	11,857	3,680	2,427	9,934	14,074
Payroll.....\$1,000..	793,629	457,029	78,122	76,654	22,163	14,641	57,762	87,258
Production workers:								
Total.....number..	108,445	66,536	10,448	8,991	2,644	1,823	7,637	10,366
Man-hours.....1,000..	224,320	136,556	22,274	19,544	5,553	3,902	15,611	20,880
Wages.....\$1,000..	593,147	357,996	57,411	53,320	14,201	10,080	40,188	59,951
Value added, adjusted.....do....	1,366,327	765,630	122,841	122,766	40,148	22,321	118,851	173,770
Value of shipments.....do....	2,036,299	1,100,954	190,177	192,427	62,672	36,370	194,414	259,285
MAJOR GROUP 36.--ELECTRICAL MACHINERY								
Companies.....number..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Establishments.....do....	9,948	6,427	801	654	364	244	341	1,117
All employees:								
Total.....do....	1,511,819	71,889	53,089	83,982	77,583	74,815	132,687	1,017,774
Payroll.....\$1,000..	9,284,279	368,770	273,437	423,828	411,170	412,702	745,287	6,649,085
Production workers:								
Total.....number..	1,049,357	54,895	41,441	64,877	58,909	54,896	95,342	678,997
Man-hours.....1,000..	2,090,531	108,470	82,143	127,315	118,212	109,092	189,375	1,355,924
Wages.....\$1,000..	5,405,786	236,586	173,132	267,080	255,414	252,368	447,999	3,773,207
Value added, adjusted.....do....	17,010,665	658,649	496,637	765,138	714,949	755,480	1,410,497	12,209,315
Value of shipments ⁴do....	29,840,182	1,231,782	905,374	1,358,614	1,266,744	1,329,883	2,544,585	21,203,200

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3611.--ELECTRIC MEASURING INSTRUMENTS								
Companies.....number..	536	401	39	32	17	14	9	24
Establishments.....do....	560	401	39	32	17	18	14	39
All employees:								
Total.....do....	44,715	3,567	2,476	4,655	4,101	4,780	1,875	23,261
Payroll.....\$1,000..	273,645	20,102	14,725	25,597	23,374	27,842	9,401	152,604
Production workers:								
Total.....number..	30,109	2,661	1,715	3,395	2,983	3,381	1,012	14,962
Man-hours.....1,000..	59,905	5,316	3,429	6,819	5,924	6,722	2,070	29,625
Wages.....\$1,000..	149,616	12,400	8,600	14,975	12,595	15,948	4,258	80,840
Value added, adjusted.....do....	505,309	34,773	23,421	45,132	37,456	57,264	14,883	292,380
Value of shipments.....do....	749,220	53,878	39,413	69,383	57,001	88,130	24,797	416,618
INDUSTRY 3612.--TRANSFORMERS								
Companies.....number..	144	93	14	16	3	5	4	9
Establishments.....do....	177	93	15	23	4	7	6	29
All employees:								
Total.....do....	33,365	1,126	921	<u>2,733</u>	(D)	2,072	1,510	25,003
Payroll.....\$1,000..	209,514	4,989	4,830	<u>13,571</u>	(D)	10,929	7,492	167,703
Production workers:								
Total.....number..	23,640	888	710	<u>2,092</u>	(D)	1,657	1,407	16,886
Man-hours.....1,000..	46,873	1,720	1,400	<u>4,102</u>	(D)	2,906	2,841	33,904
Wages.....\$1,000..	129,628	3,512	3,064	<u>8,469</u>	(D)	7,079	6,437	101,067
Value added, adjusted.....do....	381,514	8,262	8,825	<u>23,818</u>	(D)	19,196	15,192	306,221
Value of shipments.....do....	722,896	15,165	18,380	<u>46,411</u>	(D)	50,492	31,366	561,082
INDUSTRY 3613.--SWITCHGEAR AND SWITCHBOARDS								
Companies.....number..	338	241	27	16	14	13	11	16
Establishments.....do....	400	241	28	16	15	16	13	71
All employees:								
Total.....do....	54,045	3,124	1,815	1,998	2,871	5,505	4,713	34,019
Payroll.....\$1,000..	338,860	19,883	10,686	11,571	15,385	31,630	23,969	225,736
Production workers:								
Total.....number..	38,091	2,253	1,381	1,420	2,217	3,801	3,549	23,470
Man-hours.....1,000..	76,910	4,790	2,748	2,761	4,576	7,514	7,030	47,491
Wages.....\$1,000..	204,942	12,285	6,500	7,260	9,388	17,810	15,392	136,307
Value added, adjusted.....do....	647,838	33,018	18,262	18,913	27,389	55,138	48,567	446,551
Value of shipments.....do....	1,093,743	69,078	35,209	35,054	45,095	98,358	72,020	738,929
INDUSTRY 3621.--MOTORS AND GENERATORS								
Companies.....number..	316	171	18	37	19	18	17	36
Establishments.....do....	384	172	18	39	24	22	26	83
All employees:								
Total.....do....	94,170	2,065	1,207	4,676	5,544	6,497	10,905	63,276
Payroll.....\$1,000..	583,225	10,026	6,941	23,225	28,303	39,546	59,890	415,294
Production workers:								
Total.....number..	68,693	1,636	915	3,645	4,235	4,877	8,165	45,220
Man-hours.....1,000..	140,174	3,133	1,899	7,080	8,459	10,028	16,532	93,043
Wages.....\$1,000..	378,790	6,799	4,647	15,392	17,987	25,424	37,988	270,553
Value added, adjusted.....do....	993,207	17,181	10,963	39,486	44,745	62,605	90,522	727,705
Value of shipments.....do....	1,709,818	32,892	20,179	66,605	78,665	103,031	170,110	1,238,336
INDUSTRY 3622.--INDUSTRIAL CONTROLS								
Companies.....number..	421	347	22	13	6	4	3	26
Establishments.....do....	427	347	22	13	7	4	3	31
All employees:								
Total.....do....	32,990	3,038	1,386	1,182	1,486	1,488	212	24,198
Payroll.....\$1,000..	214,597	17,958	8,766	8,081	8,264	8,366	1,352	161,810
Production workers:								
Total.....number..	22,772	2,156	997	741	894	956	146	16,882
Man-hours.....1,000..	44,898	4,265	2,071	1,518	1,696	1,998	276	33,074
Wages.....\$1,000..	125,418	10,826	4,776	4,102	3,775	4,400	851	96,688
Value added, adjusted.....do....	450,507	32,076	16,117	11,814	13,489	18,214	2,819	355,978
Value of shipments.....do....	648,683	55,640	24,117	22,042	22,196	23,698	4,892	496,098

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3623.--ELECTRIC WELDING APPARATUS								
Companies.....number..	133	89	15	8	7	3	3	8
Establishments.....do....	149	90	15	10	12	4	5	13
All employees:								
Total.....do....	9,629	1,164	991	939	1,803	<u>3,191</u>	(D)	1,541
Payroll.....\$1,000..	72,113	7,830	7,115	6,700	10,725	<u>28,806</u>	(D)	10,937
Production workers:								
Total.....number..	6,565	748	685	709	1,120	<u>2,274</u>	(D)	1,029
Man-hours.....1,000..	14,075	1,540	1,549	1,580	2,308	<u>5,012</u>	(D)	2,086
Wages.....\$1,000..	44,617	3,971	4,389	4,198	6,404	<u>19,288</u>	(D)	6,367
Value added, adjusted.....do....	162,411	14,898	10,929	10,503	27,209	<u>65,991</u>	(D)	32,881
Value of shipments.....do....	330,227	28,778	20,396	20,829	53,100	<u>127,621</u>	(D)	79,503
INDUSTRY 3624.--CARBON AND GRAPHITE PRODUCTS								
Companies.....number..	40	23	2	7	1	-	2	5
Establishments.....do....	53	23	2	8	1	-	4	15
All employees:								
Total.....do....	10,123	<u>579</u>	(D)	<u>2,895</u>	(D)	-	(D)	6,649
Payroll.....\$1,000..	61,984	<u>3,645</u>	(D)	<u>16,371</u>	(D)	-	(D)	41,968
Production workers:								
Total.....number..	7,963	<u>393</u>	(D)	<u>2,261</u>	(D)	-	(D)	5,309
Man-hours.....1,000..	16,104	<u>787</u>	(D)	<u>4,544</u>	(D)	-	(D)	10,773
Wages.....\$1,000..	44,068	<u>2,004</u>	(D)	<u>11,314</u>	(D)	-	(D)	30,750
Value added, adjusted.....do....	141,423	<u>6,334</u>	(D)	<u>32,036</u>	(D)	-	(D)	103,053
Value of shipments.....do....	226,889	<u>8,721</u>	(D)	<u>50,264</u>	(D)	-	(D)	167,904
INDUSTRY 3629.--ELECTRIC INDUSTRIAL GOODS, N.E.C.								
Companies.....number..	226	160	25	19	3	7	5	7
Establishments.....do....	231	160	25	20	3	8	5	10
All employees:								
Total.....do....	14,041	2,144	1,773	2,384	821	<u>3,725</u>	(D)	3,194
Payroll.....\$1,000..	72,988	10,919	7,996	10,725	3,781	<u>20,299</u>	(D)	19,268
Production workers:								
Total.....number..	10,897	1,679	1,454	1,946	598	<u>2,903</u>	(D)	2,317
Man-hours.....1,000..	21,043	3,201	2,801	3,717	1,185	<u>5,665</u>	(D)	4,474
Wages.....\$1,000..	47,677	7,079	5,099	7,223	2,289	<u>13,959</u>	(D)	12,028
Value added, adjusted.....do....	141,633	19,178	12,676	17,330	5,489	<u>45,507</u>	(D)	41,453
Value of shipments.....do....	238,325	33,748	23,459	30,855	9,581	<u>70,619</u>	(D)	70,063
INDUSTRY 3631.--HOUSEHOLD COOKING EQUIPMENT								
Companies.....number..	77	35	9	11	8	4	8	2
Establishments.....do....	83	35	9	11	8	4	13	3
All employees:								
Total.....do....	19,191	340	648	1,619	2,440	2,622	<u>11,522</u>	(D)
Payroll.....\$1,000..	111,266	1,464	3,067	8,268	11,343	12,408	<u>74,716</u>	(D)
Production workers:								
Total.....number..	15,149	283	538	1,310	2,030	2,096	<u>8,892</u>	(D)
Man-hours.....1,000..	30,356	532	1,029	2,659	4,132	4,057	<u>17,947</u>	(D)
Wages.....\$1,000..	75,580	1,067	2,154	6,108	7,762	8,669	<u>49,820</u>	(D)
Value added, adjusted.....do....	230,285	3,015	4,392	12,746	19,275	20,700	<u>170,157</u>	(D)
Value of shipments.....do....	473,453	7,278	14,224	34,556	46,020	45,503	<u>325,872</u>	(D)
INDUSTRY 3632.--HOUSEHOLD REFRIGERATORS								
Companies.....number..	31	10	4	2	2	1	1	11
Establishments.....do....	34	10	4	2	2	1	1	14
All employees:								
Total.....do....	43,065	49	<u>567</u>	(D)	<u>1,950</u>	(D)	(D)	40,499
Payroll.....\$1,000..	279,977	272	<u>3,288</u>	(D)	<u>10,550</u>	(D)	(D)	265,867
Production workers:								
Total.....number..	35,232	40	<u>457</u>	(D)	<u>1,486</u>	(D)	(D)	33,249
Man-hours.....1,000..	69,978	76	<u>919</u>	(D)	<u>2,846</u>	(D)	(D)	66,137
Wages.....\$1,000..	212,228	180	<u>2,314</u>	(D)	<u>7,089</u>	(D)	(D)	202,645
Value added, adjusted.....do....	631,269	41	<u>5,604</u>	(D)	<u>15,953</u>	(D)	(D)	609,221
Value of shipments.....do....	1,306,539	1,098	<u>12,670</u>	(D)	<u>43,545</u>	(D)	(D)	1,249,226

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3633.--HOUSEHOLD LAUNDRY EQUIPMENT								
Companies.....number..	31	13	3	2	1	1	3	8
Establishments.....do....	39	13	3	2	1	1	3	16
All employees:								
Total.....do....	18,343	165	205	580	(D)	(D)	732	16,661
Payroll.....\$1,000..	115,387	991	1,231	<u>3,052</u>	(D)	(D)	4,084	106,029
Production workers:								
Total.....number..	14,738	124	163	463	(D)	(D)	344	13,644
Man-hours.....1,000..	28,827	247	341	800	(D)	(D)	704	26,735
Wages.....\$1,000..	85,865	669	788	<u>2,207</u>	(D)	(D)	1,702	80,499
Value added, adjusted.....do....	353,863	1,560	2,458	<u>5,082</u>	(D)	(D)	6,626	338,137
Value of shipments.....do....	760,161	5,706	4,957	<u>12,548</u>	(D)	(D)	19,885	717,065
INDUSTRY 3634.--ELECTRIC HOUSEWARES AND FANS								
Companies.....number..	286	209	26	9	12	6	10	14
Establishments.....do....	312	211	26	9	12	6	19	29
All employees:								
Total.....do....	38,801	2,103	1,824	1,314	3,699	2,285	9,552	18,024
Payroll.....\$1,000..	188,257	8,756	8,329	5,425	14,938	10,861	40,353	99,595
Production workers:								
Total.....number..	31,053	1,703	1,407	1,024	3,289	1,882	7,743	14,005
Man-hours.....1,000..	59,567	3,226	2,750	2,066	6,605	3,755	14,018	27,147
Wages.....\$1,000..	126,912	6,064	5,014	3,627	12,025	7,173	26,842	66,167
Value added, adjusted.....do....	463,845	17,486	20,799	10,754	26,713	20,313	89,311	278,469
Value of shipments.....do....	850,281	38,111	37,810	23,290	56,693	37,021	192,637	464,719
INDUSTRY 3635.--HOUSEHOLD VACUUM CLEANERS								
Companies.....number..	34	23	4	1	1	-	4	1
Establishments.....do....	34	23	4	1	1	-	4	1
All employees:								
Total.....do....	5,682	223	639	(D)	(D)	-	4,820	(D)
Payroll.....\$1,000..	35,524	1,107	<u>3,786</u>	(D)	(D)	-	<u>30,631</u>	(D)
Production workers:								
Total.....number..	4,235	165	482	(D)	(D)	-	<u>3,588</u>	(D)
Man-hours.....1,000..	8,208	308	956	(D)	(D)	-	<u>6,944</u>	(D)
Wages.....\$1,000..	22,670	578	<u>2,277</u>	(D)	(D)	-	<u>19,815</u>	(D)
Value added, adjusted.....do....	116,137	1,604	<u>12,101</u>	(D)	(D)	-	<u>102,432</u>	(D)
Value of shipments.....do....	175,357	4,533	<u>24,366</u>	(D)	(D)	-	<u>146,458</u>	(D)
INDUSTRY 3636.--SEWING MACHINES								
Companies.....number..	83	75	3	-	3	-	1	1
Establishments.....do....	86	75	3	-	4	-	2	2
All employees:								
Total.....do....	7,646	490	224	-	6,932	-	(D)	(D)
Payroll.....\$1,000..	51,962	3,097	1,338	-	<u>47,527</u>	-	(D)	(D)
Production workers:								
Total.....number..	5,844	379	162	-	<u>5,303</u>	-	(D)	(D)
Man-hours.....1,000..	12,136	829	341	-	<u>10,966</u>	-	(D)	(D)
Wages.....\$1,000..	36,303	2,145	856	-	<u>33,302</u>	-	(D)	(D)
Value added, adjusted.....do....	98,328	5,230	3,117	-	<u>89,981</u>	-	(D)	(D)
Value of shipments.....do....	117,157	8,468	4,770	-	<u>103,919</u>	-	(D)	(D)
INDUSTRY 3639.--HOUSEHOLD APPLIANCES, N.E.C.								
Companies.....number..	102	64	9	3	6	7	5	8
Establishments.....do....	112	64	9	3	6	14	6	10
All employees:								
Total.....do....	13,127	903	643	434	1,104	2,646	1,480	5,917
Payroll.....\$1,000..	81,590	5,150	3,714	2,661	5,523	14,690	8,465	41,387
Production workers:								
Total.....number..	9,896	658	492	295	877	2,051	977	4,546
Man-hours.....1,000..	19,929	1,341	1,033	573	1,800	4,111	1,868	9,203
Wages.....\$1,000..	54,286	2,994	2,452	1,551	3,186	9,784	5,513	28,806
Value added, adjusted.....do....	204,188	13,397	8,017	3,719	17,010	41,741	19,719	100,585
Value of shipments.....do....	435,458	28,918	20,189	9,364	25,904	88,246	45,401	217,436

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3641.--ELECTRIC LAMPS								
Companies.....number..	54	32	3	7	3	2	1	6
Establishments.....do....	81	32	3	7	3	2	1	33
All employees:								
Total.....do.....	23,404	249	202	1,054	1,913	(D)	(D)	19,986
Payroll.....\$1,000..	122,721	1,044	707	4,375	8,870	(D)	(D)	107,725
Production workers:								
Total.....number..	20,461	214	185	852	1,630	(D)	(D)	17,580
Man-hours.....1,000..	40,256	424	363	1,617	3,259	(D)	(D)	34,593
Wages.....\$1,000..	99,476	800	607	3,430	6,797	(D)	(D)	87,842
Value added, adjusted.....do....	362,235	2,151	1,104	8,119	16,155	(D)	(D)	334,706
Value of shipments.....do....	574,522	3,666	1,690	13,828	29,935	(D)	(D)	525,403
INDUSTRY 3642.--LIGHTING FIXTURES								
Companies.....number..	1,203	969	119	64	18	14	9	10
Establishments.....do....	1,239	970	120	71	25	22	17	14
All employees:								
Total.....do.....	53,866	11,330	7,980	9,338	4,412	5,464	5,380	9,962
Payroll.....\$1,000..	288,148	54,858	39,166	48,069	24,239	26,073	31,877	63,866
Production workers:								
Total.....number..	42,052	8,849	6,444	7,394	3,443	4,393	3,710	7,819
Man-hours.....1,000..	83,284	17,219	12,730	14,087	6,895	8,613	7,191	16,549
Wages.....\$1,000..	193,464	36,675	25,929	30,816	16,372	18,526	19,152	45,994
Value added, adjusted.....do....	587,834	108,462	71,328	101,049	48,135	57,072	66,547	135,241
Value of shipments.....do....	1,159,497	238,895	156,067	194,768	93,571	118,344	116,992	240,860
INDUSTRY 3643.--CURRENT CARRYING DEVICES								
Companies.....number..	431	324	27	30	16	10	7	17
Establishments.....do....	449	324	27	31	20	10	9	28
All employees:								
Total.....do.....	35,424	3,216	1,684	4,027	3,923	2,265	4,658	15,651
Payroll.....\$1,000..	175,185	14,467	8,791	19,263	20,956	10,956	24,131	76,621
Production workers:								
Total.....number..	27,239	2,495	1,369	3,200	3,067	1,545	3,736	11,827
Man-hours.....1,000..	53,474	4,894	2,774	6,364	6,309	2,914	7,358	22,861
Wages.....\$1,000..	115,097	9,686	5,699	12,708	13,223	6,585	16,996	50,200
Value added, adjusted.....do....	355,643	29,796	15,146	38,693	33,049	20,460	56,393	162,106
Value of shipments.....do....	615,980	52,830	31,803	64,932	63,666	33,180	81,861	287,708
INDUSTRY 3644.--NONCURRENT CARRYING DEVICES								
Companies.....number..	168	97	24	10	11	4	9	13
Establishments.....do....	182	97	24	10	15	5	13	18
All employees:								
Total.....do.....	20,290	1,159	1,619	1,672	3,568	1,924	6,057	4,291
Payroll.....\$1,000..	123,576	6,370	8,469	8,754	23,426	12,409	37,501	26,647
Production workers:								
Total.....number..	14,756	930	1,338	1,314	2,432	1,168	4,298	3,276
Man-hours.....1,000..	29,691	1,860	2,731	2,628	5,079	2,422	8,582	6,389
Wages.....\$1,000..	79,605	4,270	6,079	6,211	13,812	7,006	23,383	18,844
Value added, adjusted.....do....	253,918	12,828	17,575	17,665	47,066	28,559	74,811	55,414
Value of shipments.....do....	479,033	23,756	37,048	34,943	82,001	46,562	134,132	120,591
INDUSTRY 3651.--RADIO AND TV RECEIVING SETS								
Companies.....number..	322	212	30	22	16	4	14	24
Establishments.....do....	348	213	30	22	16	4	23	40
All employees:								
Total.....do.....	81,264	2,488	2,156	3,510	4,196	2,556	11,047	55,311
Payroll.....\$1,000..	411,924	11,658	9,810	15,994	18,771	13,013	54,574	288,104
Production workers:								
Total.....number..	66,538	1,880	1,848	2,661	3,300	1,713	8,418	46,718
Man-hours.....1,000..	128,463	3,591	3,480	5,241	6,537	3,501	15,637	90,476
Wages.....\$1,000..	289,287	7,516	7,302	9,041	11,643	7,581	32,833	213,371
Value added, adjusted.....do....	911,954	20,846	23,478	35,985	34,573	20,514	91,416	685,142
Value of shipments.....do....	2,224,878	42,055	48,935	74,581	66,587	43,350	246,977	1,732,393

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3652.--PHONOGRAPH RECORDS								
Companies.....number..	157	128	11	8	3	1	3	3
Establishments.....do....	167	128	11	8	3	2	9	6
All employees:								
Total.....do....	9,554	1,366	751	1,129	776	(D)	5,532	(D)
Payroll.....\$1,000..	46,981	5,952	3,327	4,250	3,694	(D)	29,758	(D)
Production workers:								
Total.....number..	7,566	1,114	684	1,025	675	(D)	4,068	(D)
Man-hours.....1,000..	15,022	2,139	1,281	1,965	1,367	(D)	8,270	(D)
Wages.....\$1,000..	32,976	4,400	2,668	3,680	2,911	(D)	19,317	(D)
Value added, adjusted.....do....	125,388	12,846	6,592	10,517	3,404	(D)	92,029	(D)
Value of shipments.....do....	180,173	21,201	9,863	16,123	6,911	(D)	126,075	(D)
INDUSTRY 3661.--TELEPHONE; TELEGRAPH APPARATUS								
Companies.....number..	65	41	3	5	4	1	4	7
Establishments.....do....	90	41	3	5	4	1	6	30
All employees:								
Total.....do....	89,465	557	(D)	792	1,943	(D)	4,505	81,668
Payroll.....\$1,000..	554,375	3,129	(D)	4,367	12,139	(D)	24,023	510,717
Production workers:								
Total.....number..	63,983	407	(D)	656	1,164	(D)	2,274	59,482
Man-hours.....1,000..	122,707	768	(D)	1,268	2,371	(D)	4,352	113,948
Wages.....\$1,000..	358,741	2,036	(D)	3,430	5,587	(D)	9,824	337,864
Value added, adjusted.....do....	1,013,792	6,114	(D)	6,491	17,419	(D)	38,241	945,527
Value of shipments.....do....	1,736,358	9,417	(D)	13,260	34,486	(D)	62,700	1,616,495
INDUSTRY 3662.--RADIO, TV COMMUNICATIONS EQUIPMENT								
Companies.....number..	1,001	637	107	75	38	27	35	82
Establishments.....do....	1,132	639	108	77	44	30	43	191
All employees:								
Total.....do....	387,384	8,335	7,007	9,889	9,304	7,857	16,350	328,642
Payroll.....\$1,000..	2,840,218	50,097	40,347	58,418	59,617	54,753	108,735	2,468,251
Production workers:								
Total.....number..	205,698	5,716	4,836	6,550	6,494	5,154	10,094	166,854
Man-hours.....1,000..	419,121	11,226	9,674	12,991	13,099	11,076	20,719	340,336
Wages.....\$1,000..	1,230,671	27,774	22,234	29,013	34,881	30,168	48,881	1,037,720
Value added, adjusted.....do....	4,327,671	80,106	79,367	100,187	93,683	90,510	161,281	3,722,537
Value of shipments.....do....	7,145,600	134,311	123,330	157,495	142,118	138,124	274,842	6,175,380
INDUSTRY 3671.--ELECTRON TUBES, RECEIVING TYPE								
Companies.....number..	30	21	1	-	2	-	-	6
Establishments.....do....	42	21	1	-	2	-	-	18
All employees:								
Total.....do....	25,850	836	(D)	-	(D)	-	-	25,014
Payroll.....\$1,000..	136,768	2,933	(D)	-	(D)	-	-	133,835
Production workers:								
Total.....number..	20,357	772	(D)	-	(D)	-	-	19,585
Man-hours.....1,000..	37,670	1,485	(D)	-	(D)	-	-	36,185
Wages.....\$1,000..	88,463	2,554	(D)	-	(D)	-	-	85,909
Value added, adjusted.....do....	250,681	4,059	(D)	-	(D)	-	-	246,622
Value of shipments.....do....	321,091	4,855	(D)	-	(D)	-	-	316,236
INDUSTRY 3672.--CATHODE RAY PICTURE TUBES								
Companies.....number..	148	137	3	2	-	1	-	5
Establishments.....do....	151	137	3	2	-	1	-	8
All employees:								
Total.....do....	10,916	1,047	1,298	(D)	-	(D)	-	8,571
Payroll.....\$1,000..	66,888	4,587	7,256	(D)	-	(D)	-	55,045
Production workers:								
Total.....number..	7,958	880	1,048	(D)	-	(D)	-	6,030
Man-hours.....1,000..	16,634	1,715	2,248	(D)	-	(D)	-	12,671
Wages.....\$1,000..	40,468	3,607	4,960	(D)	-	(D)	-	31,901
Value added, adjusted.....do....	128,354	6,545	8,183	(D)	-	(D)	-	113,626
Value of shipments.....do....	269,122	13,017	25,078	(D)	-	(D)	-	231,027

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² —						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3673.—ELECTRON TUBES, TRANSMITTING								
Companies.....number..	45	15	8	2	3	1	3	13
Establishments.....do....	57	15	9	2	3	1	5	22
All employees:								
Total.....do....	18,704	238	481	971	(D)	3,060	(D)	13,954
Payroll.....\$1,000..	129,296	1,338	2,525	7,873	(D)	21,223	(D)	96,337
Production workers:								
Total.....number..	11,631	168	379	736	(D)	1,995	(D)	8,353
Man-hours.....1,000..	24,027	337	751	1,478	(D)	3,938	(D)	17,523
Wages.....\$1,000..	72,406	669	1,709	5,651	(D)	10,804	(D)	53,573
Value added, adjusted.....do....	204,614	2,237	3,871	10,801	(D)	37,534	(D)	150,171
Value of shipments.....do....	299,527	3,442	5,548	12,820	(D)	60,373	(D)	217,344
INDUSTRY 3674.—SEMICONDUCTORS								
Companies.....number..	86	28	12	9	3	3	8	23
Establishments.....do....	107	28	12	10	5	3	11	38
All employees:								
Total.....do....	56,349	467	856	1,289	2,229	(D)	4,481	47,027
Payroll.....\$1,000..	320,875	2,835	4,552	6,659	11,538	(D)	23,221	272,070
Production workers:								
Total.....number..	37,548	323	642	965	1,555	(D)	3,292	30,771
Man-hours.....1,000..	77,113	663	1,292	2,024	3,291	(D)	7,074	62,769
Wages.....\$1,000..	168,504	1,738	2,457	3,603	5,654	(D)	14,017	141,035
Value added, adjusted.....do....	467,035	4,793	6,351	15,098	21,153	(D)	33,790	385,850
Value of shipments.....do....	687,817	6,559	8,175	18,554	27,820	(D)	51,667	575,042
INDUSTRY 3679.—ELECTRONIC COMPONENTS, N.E.C.								
Companies.....number..	1,743	1,215	174	165	60	30	35	64
Establishments.....do....	1,934	1,218	178	176	84	44	61	173
All employees:								
Total.....do....	176,708	14,463	12,019	22,603	16,186	12,736	19,582	79,119
Payroll.....\$1,000..	881,920	68,894	56,819	101,277	78,281	64,311	97,981	414,357
Production workers:								
Total.....number..	133,412	11,474	9,726	18,352	12,495	9,683	14,106	57,576
Man-hours.....1,000..	261,707	23,020	19,166	35,737	24,453	18,819	28,212	112,300
Wages.....\$1,000..	550,845	46,589	36,873	67,456	48,216	40,798	59,888	251,025
Value added, adjusted.....do....	1,457,433	111,902	93,424	166,553	126,850	109,753	158,117	690,834
Value of shipments.....do....	2,332,215	182,530	142,600	275,364	214,062	175,022	255,586	1,087,051
INDUSTRY 3691.—STORAGE BATTERIES								
Companies.....number..	183	155	9	4	2	1	3	9
Establishments.....do....	252	155	10	6	7	2	5	67
All employees:								
Total.....do....	17,512	1,435	644	1,780	(D)	(D)	1,369	12,284
Payroll.....\$1,000..	108,700	7,217	3,446	10,127	(D)	(D)	7,602	80,308
Production workers:								
Total.....number..	13,871	1,051	509	1,332	(D)	(D)	1,088	9,891
Man-hours.....1,000..	28,444	2,290	990	2,887	(D)	(D)	2,018	20,259
Wages.....\$1,000..	80,237	4,603	2,139	5,990	(D)	(D)	5,773	61,732
Value added, adjusted.....do....	244,152	14,514	6,770	16,276	(D)	(D)	14,937	191,655
Value of shipments.....do....	516,457	33,285	16,923	41,134	(D)	(D)	33,074	392,041
INDUSTRY 3692.—PRIMARY BATTERIES, DRY AND WET								
Companies.....number..	26	16	-	-	-	2	2	6
Establishments.....do....	46	16	-	-	-	2	2	26
All employees:								
Total.....do....	8,478	96	-	-	-	1,183	(D)	7,199
Payroll.....\$1,000..	40,602	406	-	-	-	5,337	(D)	34,859
Production workers:								
Total.....number..	6,791	77	-	-	-	968	(D)	5,746
Man-hours.....1,000..	13,615	155	-	-	-	1,859	(D)	11,601
Wages.....\$1,000..	29,029	291	-	-	-	3,907	(D)	24,831
Value added, adjusted.....do....	113,787	900	-	-	-	7,764	(D)	105,123
Value of shipments.....do....	195,298	1,771	-	-	-	14,112	(D)	179,415

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3693.--X-RAY APPARATUS AND TUBES								
Companies.....number..	56	33	7	6	2	1	2	5
Establishments.....do....	58	33	7	6	2	3	2	5
All employees:								
Total.....do.....	6,236	410	436	2,244	(D)	(D)	(D)	3,146
Payroll.....\$1,000..	43,796	2,415	2,704	13,798	(D)	(D)	(D)	24,879
Production workers:								
Total.....number..	3,430	297	319	1,549	(D)	(D)	(D)	1,265
Man-hours.....1,000..	6,921	601	637	3,045	(D)	(D)	(D)	2,638
Wages.....\$1,000..	20,124	1,433	1,614	8,475	(D)	(D)	(D)	8,602
Value added, adjusted.....do....	86,534	4,452	6,016	29,079	(D)	(D)	(D)	46,987
Value of shipments.....do....	143,706	7,869	10,138	45,177	(D)	(D)	(D)	80,522
INDUSTRY 3694.--ENGINE ELECTRICAL EQUIPMENT								
Companies.....number..	163	110	14	14	8	5	4	8
Establishments.....do....	182	111	14	19	9	5	6	18
All employees:								
Total.....do.....	40,559	1,469	980	2,724	2,943	4,475	(D)	27,968
Payroll.....\$1,000..	250,202	6,279	4,756	13,767	14,198	22,861	(D)	188,341
Production workers:								
Total.....number..	32,697	1,206	810	2,172	2,293	3,128	(D)	23,088
Man-hours.....1,000..	66,903	2,429	1,604	4,349	4,529	6,086	(D)	47,906
Wages.....\$1,000..	184,438	4,460	3,302	9,129	9,159	13,463	(D)	144,925
Value added, adjusted.....do....	496,662	11,099	7,473	28,839	25,388	44,373	(D)	379,490
Value of shipments.....do....	900,663	20,061	13,640	60,899	45,993	76,709	(D)	683,361
INDUSTRY 3699.--ELECTRICAL PRODUCTS, N.E.C.								
Companies.....number..	338	291	17	11	5	2	3	9
Establishments.....do....	350	291	19	13	5	2	4	16
All employees:								
Total.....do.....	10,923	2,639	1,114	1,113	1,408	(D)	366	4,283
Payroll.....\$1,000..	51,215	12,323	3,890	4,561	5,476	(D)	1,825	23,140
Production workers:								
Total.....number..	8,492	2,115	960	904	1,101	(D)	290	3,122
Man-hours.....1,000..	16,496	3,941	1,788	1,694	2,221	(D)	594	6,258
Wages.....\$1,000..	33,355	7,957	2,833	2,970	3,667	(D)	1,294	14,634
Value added, adjusted.....do....	101,221	22,788	8,411	8,199	11,554	(D)	2,904	47,365
Value of shipments.....do....	190,038	47,833	18,900	17,668	22,680	(D)	6,269	76,688
MAJOR GROUP 37.--TRANSPORTATION EQUIPMENT								
Companies.....number..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Establishments.....do....	7,196	5,197	501	367	209	142	187	593
All employees:								
Total.....do.....	1,601,158	53,227	33,175	46,868	44,122	36,608	72,702	1,314,456
Payroll.....\$1,000..	11,858,240	276,197	182,640	268,899	256,881	217,582	452,293	10,203,748
Production workers:								
Total.....number..	1,150,082	43,654	27,104	38,084	35,355	28,641	57,166	920,078
Man-hours.....1,000..	2,450,150	90,051	56,156	78,672	72,307	57,780	117,394	1,977,790
Wages.....\$1,000..	7,731,192	208,884	131,471	193,874	185,237	153,276	324,331	1,334,119
Value added, adjusted.....do....	22,765,674	471,934	318,876	440,696	429,474	371,724	762,081	19,970,889
Value of shipments ⁴do....	55,428,194	925,368	649,724	896,132	858,912	811,543	1,518,864	49,777,051
INDUSTRY 3713.--TRUCK AND BUS BODIES								
Companies.....number..	594	508	34	20	13	7	8	4
Establishments.....do....	610	513	35	21	13	11	11	6
All employees:								
Total.....do.....	24,466	6,270	2,428	2,773	3,805	2,793	6,397	(D)
Payroll.....\$1,000..	133,300	31,236	13,219	15,116	21,020	14,917	37,792	(D)
Production workers:								
Total.....number..	19,729	5,172	1,941	2,243	3,065	2,213	5,095	(D)
Man-hours.....1,000..	40,897	10,487	4,089	4,879	6,193	4,352	10,897	(D)
Wages.....\$1,000..	98,359	23,994	9,131	10,664	15,162	10,463	28,961	(D)
Value added, adjusted.....do....	229,472	59,863	21,563	27,958	34,178	25,102	67,301	(D)
Value of shipments.....do....	476,733	112,676	47,176	51,412	73,073	54,692	137,104	(D)

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3715.--TRUCK TRAILERS								
Companies.....number..	175	118	22	16	6	2	8	3
Establishments.....do....	197	118	22	16	8	3	11	19
All employees:								
Total.....do....	19,429	1,404	1,616	2,144	2,283	(D)	3,097	8,885
Payroll.....\$1,000..	112,876	7,488	9,114	11,220	12,970	(D)	17,012	55,072
Production workers:								
Total.....number..	15,455	1,088	1,297	1,605	1,831	(D)	2,413	7,221
Man-hours.....1,000..	30,896	2,192	2,617	3,000	3,696	(D)	5,007	14,384
Wages.....\$1,000..	81,703	5,166	6,702	7,191	9,431	(D)	11,825	41,388
Value added, adjusted.....do....	205,475	12,835	14,395	16,227	19,474	(D)	27,136	115,408
Value of shipments.....do....	515,661	30,000	33,265	43,857	58,455	(D)	69,465	280,619
INDUSTRY 3717.--MOTOR VEHICLES AND PARTS								
Companies.....number..	1,655	1,276	137	79	45	34	32	52
Establishments.....do....	1,958	1,278	145	84	57	44	65	285
All employees:								
Total.....do....	649,926	13,988	9,535	10,861	12,055	13,296	20,166	570,025
Payroll.....\$1,000..	4,947,271	72,000	51,381	58,172	67,612	78,234	122,898	4,496,974
Production workers:								
Total.....number..	535,842	11,328	7,826	8,843	9,774	10,602	15,742	471,727
Man-hours.....1,000..	1,192,606	23,454	16,129	18,374	20,080	21,729	32,782	1,060,058
Wages.....\$1,000..	3,889,636	51,894	37,073	42,201	48,723	55,589	85,420	3,568,736
Value added, adjusted.....do....	12,345,630	140,974	111,155	106,963	136,772	139,765	245,087	11,464,914
Value of shipments ⁴do....	36,181,007	276,519	217,642	210,634	263,391	309,137	492,454	34,411,230
INDUSTRY 3721.--AIRCRAFT								
Companies.....number..	82	45	7	3	3	2	2	20
Establishments.....do....	100	45	7	4	3	2	3	36
All employees:								
Total.....do....	302,201	1,001	(D)	436	893	3,034	(D)	296,837
Payroll.....\$1,000..	2,369,416	5,205	(D)	2,870	4,123	18,565	(D)	2,338,653
Production workers:								
Total.....number..	166,744	779	(D)	266	607	2,507	(D)	162,585
Man-hours.....1,000..	342,120	1,589	(D)	559	1,202	5,077	(D)	333,693
Wages.....\$1,000..	1,097,103	3,822	(D)	1,495	2,798	14,634	(D)	1,074,354
Value added, adjusted ⁶do....	3,542,695	7,055	(D)	2,701	5,614	33,249	(D)	3,494,076
Value of shipments ⁷do....	6,316,531	12,161	(D)	5,422	10,562	61,230	(D)	6,227,156
INDUSTRY 3722.--AIRCRAFT ENGINES AND PARTS								
Companies.....number..	194	89	27	25	12	6	6	29
Establishments.....do....	232	89	27	27	13	6	8	62
All employees:								
Total.....do....	190,834	1,500	1,735	3,348	3,704	1,224	2,316	177,007
Payroll.....\$1,000..	1,486,081	10,349	12,375	23,500	25,920	8,188	17,239	1,388,510
Production workers:								
Total.....number..	105,890	1,204	1,392	2,572	2,907	840	1,677	95,298
Man-hours.....1,000..	222,000	2,604	3,006	5,749	6,338	1,699	3,602	199,002
Wages.....\$1,000..	705,727	7,691	9,075	15,621	18,158	5,123	11,227	638,832
Value added, adjusted.....do....	2,244,317	15,171	18,766	36,270	37,080	12,679	29,901	2,094,450
Value of shipments.....do....	4,100,520	23,401	28,282	55,918	61,358	29,285	45,651	3,856,625
INDUSTRY 3723.--AIRCRAFT PROPELLERS AND PARTS								
Companies.....number..	13	7	-	1	1	1	-	3
Establishments.....do....	14	7	-	1	1	2	-	3
All employees:								
Total.....do....	11,183	11,183	-	(D)	(D)	(D)	-	(D)
Payroll.....\$1,000..	78,712	78,712	-	(D)	(D)	(D)	-	(D)
Production workers:								
Total.....number..	6,231	6,231	-	(D)	(D)	(D)	-	(D)
Man-hours.....1,000..	13,515	13,515	-	(D)	(D)	(D)	-	(D)
Wages.....\$1,000..	37,666	37,666	-	(D)	(D)	(D)	-	(D)
Value added, adjusted.....do....	113,433	113,433	-	(D)	(D)	(D)	-	(D)
Value of shipments.....do....	190,761	190,761	-	(D)	(D)	(D)	-	(D)

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3729.--AIRCRAFT EQUIPMENT, N.E.C.								
Companies.....number..	935	663	80	58	34	17	27	56
Establishments.....do....	1,000	668	82	62	43	20	35	90
All employees:								
Total.....do.....	175,167	8,318	5,293	7,917	7,719	6,069	13,088	126,763
Payroll.....\$1,000..	1,319,476	54,724	34,302	54,406	50,740	41,916	91,700	991,688
Production workers:								
Total.....number..	111,430	6,490	4,040	6,045	5,477	3,876	9,020	76,482
Man-hours.....1,000..	232,819	14,885	8,961	13,125	11,533	8,602	19,567	156,146
Wages.....\$1,000..	745,501	40,151	22,673	36,996	32,052	24,034	60,034	529,561
Value added, adjusted.....do....	1,966,904	85,391	53,919	77,871	72,951	64,792	128,151	1,483,829
Value of shipments.....do....	3,168,607	139,085	87,301	126,208	127,720	97,553	227,321	2,363,419
INDUSTRY 3731.--SHIP BUILDING AND REPAIRING								
Companies.....number..	305	186	34	36	19	7	12	11
Establishments.....do....	334	186	34	36	21	12	16	29
All employees:								
Total.....do.....	114,649	2,825	2,277	5,573	6,549	4,863	13,677	78,885
Payroll.....\$1,000..	782,299	16,333	13,638	32,594	40,026	26,445	85,905	567,358
Production workers:								
Total.....number..	96,527	2,376	1,985	4,880	5,859	4,095	11,989	65,343
Man-hours.....1,000..	193,512	4,807	3,856	9,721	11,747	7,576	23,644	132,161
Wages.....\$1,000..	610,250	13,181	11,205	26,824	33,415	21,771	70,304	433,550
Value added, adjusted ⁶do....	1,009,690	24,244	18,798	45,347	54,829	35,172	123,475	707,825
Value of shipments ⁷do....	1,679,765	37,901	30,402	82,822	101,128	68,838	219,128	1,139,546
INDUSTRY 3732.--BOAT BUILDING AND REPAIRING								
Companies.....number..	1,596	1,497	55	23	4	3	6	8
Establishments.....do....	1,626	1,497	56	25	9	4	10	25
All employees:								
Total.....do.....	24,861	10,051	3,703	3,079	997	430	1,099	5,502
Payroll.....\$1,000..	116,140	44,086	17,372	16,707	5,223	1,863	4,818	26,071
Production workers:								
Total.....number..	20,867	8,583	3,041	2,614	700	419	907	4,603
Man-hours.....1,000..	42,011	17,295	6,417	5,739	1,392	695	1,802	8,671
Wages.....\$1,000..	91,443	36,210	12,988	13,263	3,415	1,751	3,430	20,386
Value added, adjusted.....do....	183,059	70,236	26,343	27,821	9,155	4,559	6,499	38,446
Value of shipments.....do....	360,208	125,786	50,860	59,380	19,642	8,342	15,737	80,461
INDUSTRY 3741.--LOCOMOTIVES AND PARTS								
Companies.....number..	23	14	2	3	-	-	-	4
Establishments.....do....	24	14	2	3	-	-	-	5
All employees:								
Total.....do.....	14,337	204	546	(D)	-	-	-	13,587
Payroll.....\$1,000..	99,696	977	3,580	(D)	-	-	-	95,139
Production workers:								
Total.....number..	10,648	158	420	(D)	-	-	-	10,070
Man-hours.....1,000..	20,803	300	871	(D)	-	-	-	19,632
Wages.....\$1,000..	67,405	648	2,437	(D)	-	-	-	64,320
Value added, adjusted.....do....	186,241	2,534	5,382	(D)	-	-	-	178,325
Value of shipments.....do....	437,872	5,119	8,308	(D)	-	-	-	424,445
INDUSTRY 3742.--RAILROAD AND STREET CARS								
Companies.....number..	68	26	9	8	6	2	6	11
Establishments.....do....	78	26	9	9	6	2	6	20
All employees:								
Total.....do.....	30,742	376	516	1,091	1,911	(D)	4,737	22,111
Payroll.....\$1,000..	201,999	2,130	2,967	6,946	11,661	(D)	31,285	147,010
Production workers:								
Total.....number..	24,254	292	405	859	1,539	(D)	3,603	17,556
Man-hours.....1,000..	47,246	562	817	1,764	3,224	(D)	6,627	34,252
Wages.....\$1,000..	150,135	1,458	1,901	4,850	8,671	(D)	21,493	111,762
Value added, adjusted.....do....	355,230	3,645	4,847	13,945	27,152	(D)	55,639	250,002
Value of shipments.....do....	927,184	9,475	13,768	25,791	56,763	(D)	112,140	709,247

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3751.--MOTORCYCLES, BICYCLES, AND PARTS								
Companies.....number..	85	58	7	8	4	3	2	3
Establishments.....do....	88	58	7	9	5	4	2	3
All employees:								
Total.....do....	9,662	443	505	986	1,304	1,548	4,876	(D)
Payroll.....\$1,000..	48,425	1,893	2,580	3,897	5,878	9,133	25,044	(D)
Production workers:								
Total.....number..	7,912	362	408	822	1,091	1,294	3,935	(D)
Man-hours.....1,000..	15,152	675	787	1,503	2,069	2,524	7,594	(D)
Wages.....\$1,000..	34,398	1,428	1,797	2,665	4,461	6,886	17,161	(D)
Value added, adjusted.....do....	82,245	2,745	4,604	7,836	9,556	18,602	38,902	(D)
Value of shipments.....do....	192,851	7,922	8,369	18,805	22,674	45,512	89,569	(D)
INDUSTRY 3791.--TRAILER COACHES								
Companies.....number..	348	233	55	36	13	6	4	1
Establishments.....do....	413	234	56	39	27	28	20	9
All employees:								
Total.....do....	25,669	3,510	3,770	5,569	3,732	3,838	5,250	(D)
Payroll.....\$1,000..	125,002	14,774	17,393	27,576	16,552	20,440	28,267	(D)
Production workers:								
Total.....number..	21,901	3,026	3,309	4,789	3,114	3,241	4,422	(D)
Man-hours.....1,000..	43,390	5,750	6,605	9,132	5,931	6,502	9,470	(D)
Wages.....\$1,000..	94,078	11,616	13,230	20,326	12,224	15,046	21,636	(D)
Value added, adjusted.....do....	232,460	22,843	31,851	47,794	28,885	45,321	55,766	(D)
Value of shipments.....do....	713,119	73,752	103,919	150,598	88,371	133,853	162,626	(D)
INDUSTRY 3799.--TRANSPORTATION EQUIPMENT, N.E.C.								
Companies.....number..	507	461	19	21	2	3	-	1
Establishments.....do....	522	464	19	31	3	4	-	1
All employees:								
Total.....do....	8,032	3,741	1,183	2,549	559	(D)	-	(D)
Payroll.....\$1,000..	37,547	17,096	4,926	12,599	2,926	(D)	-	(D)
Production workers:								
Total.....number..	6,652	3,099	977	2,131	445	(D)	-	(D)
Man-hours.....1,000..	13,183	6,106	1,901	4,234	942	(D)	-	(D)
Wages.....\$1,000..	27,788	12,999	3,316	9,540	1,933	(D)	-	(D)
Value added, adjusted.....do....	68,823	31,011	8,490	24,746	4,576	(D)	-	(D)
Value of shipments.....do....	167,375	76,670	21,486	56,796	12,423	(D)	-	(D)
MAJOR GROUP 38.--INSTRUMENTS AND RELATED PRODUCTS								
Companies.....number..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Establishments.....do....	3,949	2,984	287	171	90	89	95	233
All employees:								
Total.....do....	305,452	27,483	17,329	22,431	18,881	20,523	35,188	163,617
Payroll.....\$1,000..	1,912,472	147,406	93,244	123,387	103,610	121,171	207,431	1,116,223
Production workers:								
Total.....number..	208,448	20,659	13,000	16,083	13,410	13,784	25,483	106,029
Man-hours.....1,000..	416,555	40,408	25,821	31,827	26,763	28,474	50,728	212,534
Wages.....\$1,000..	1,100,718	98,507	58,414	73,080	60,299	69,774	126,111	614,533
Value added, adjusted.....do....	3,992,131	276,215	164,523	234,477	200,712	272,187	433,825	2,410,192
Value of shipments ⁴do....	6,117,889	456,654	275,112	388,646	316,918	454,367	677,160	3,549,032
INDUSTRY 3811.--SCIENTIFIC INSTRUMENTS								
Companies.....number..	571	456	51	19	10	11	10	14
Establishments.....do....	594	457	52	19	15	19	15	17
All employees:								
Total.....do....	33,084	4,911	3,228	2,495	2,567	3,857	3,916	12,110
Payroll.....\$1,000..	208,171	27,973	18,048	14,377	15,006	22,393	22,099	88,275
Production workers:								
Total.....number..	22,184	3,730	2,411	1,731	1,747	2,601	2,942	7,022
Man-hours.....1,000..	44,584	7,282	4,744	3,492	3,640	5,078	6,075	14,273
Wages.....\$1,000..	119,836	18,193	11,569	7,697	8,542	13,589	14,534	45,712
Value added, adjusted.....do....	358,588	48,784	30,241	24,314	27,864	46,040	34,066	147,279
Value of shipments.....do....	553,920	77,194	49,539	39,771	46,883	78,786	62,032	199,715

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3821.--MECHANICAL MEASURING DEVICES								
Companies.....number..	623	477	39	32	13	12	16	34
Establishments.....do....	670	477	39	33	15	15	29	62
All employees:								
Total.....do.....	62,353	4,513	2,413	4,727	3,549	2,970	10,419	33,762
Payroll.....\$1,000..	388,874	25,311	13,835	28,566	23,195	18,884	64,553	214,530
Production workers:								
Total.....number..	40,383	3,342	1,748	3,052	2,200	1,973	7,516	20,552
Man-hours.....1,000..	81,510	6,643	3,399	6,214	4,542	4,081	14,817	41,814
Wages.....\$1,000..	222,826	19,155	9,278	16,443	12,308	10,547	39,820	115,275
Value added, adjusted.....do....	732,529	45,019	24,811	49,010	49,007	54,710	128,066	381,906
Value of shipments.....do....	1,143,416	71,579	40,594	75,753	70,247	80,349	192,792	612,102
INDUSTRY 3822.--AUTOMATIC TEMPERATURE CONTROLS								
Companies.....number..	89	55	7	5	4	3	4	11
Establishments.....do....	104	55	7	6	4	3	8	21
All employees:								
Total.....do.....	31,685	496	476	<u>1,545</u>	(D)	1,506	5,542	22,120
Payroll.....\$1,000..	192,301	2,975	1,917	<u>7,997</u>	(D)	8,632	23,826	146,954
Production workers:								
Total.....number..	22,299	390	396	<u>1,269</u>	(D)	1,185	4,501	14,558
Man-hours.....1,000..	45,459	788	753	<u>2,404</u>	(D)	2,572	8,696	30,246
Wages.....\$1,000..	122,154	2,003	1,239	<u>5,738</u>	(D)	5,710	16,393	91,071
Value added, adjusted.....do....	379,091	5,587	3,198	<u>19,908</u>	(D)	18,601	63,557	268,240
Value of shipments.....do....	527,358	9,264	5,619	<u>31,299</u>	(D)	25,351	92,443	363,382
INDUSTRY 3831.--OPTICAL INSTRUMENTS AND LENSES								
Companies.....number..	272	229	10	14	5	5	2	7
Establishments.....do....	280	229	10	14	6	5	5	11
All employees:								
Total.....do.....	11,924	2,166	735	2,009	1,043	<u>2,784</u>	(D)	3,187
Payroll.....\$1,000..	79,131	12,240	4,570	12,049	7,209	<u>22,497</u>	(D)	20,566
Production workers:								
Total.....number..	8,306	1,646	527	1,521	688	<u>1,562</u>	(D)	2,362
Man-hours.....1,000..	16,728	3,231	1,063	2,943	1,354	<u>3,272</u>	(D)	4,865
Wages.....\$1,000..	47,149	8,250	2,597	7,752	3,864	<u>11,350</u>	(D)	13,336
Value added, adjusted.....do....	131,917	22,121	7,432	23,736	13,194	<u>35,793</u>	(D)	29,641
Value of shipments.....do....	196,022	32,627	10,547	34,996	17,857	<u>54,268</u>	(D)	45,727
INDUSTRY 3841.--SURGICAL AND MEDICAL INSTRUMENTS								
Companies.....number..	279	217	25	14	5	4	3	11
Establishments.....do....	294	217	25	15	5	5	3	24
All employees:								
Total.....do.....	15,145	2,272	1,663	2,050	1,081	<u>489</u>	(D)	7,590
Payroll.....\$1,000..	83,332	11,535	8,525	10,220	6,612	<u>2,329</u>	(D)	44,111
Production workers:								
Total.....number..	11,538	1,799	1,315	1,523	673	<u>375</u>	(D)	5,853
Man-hours.....1,000..	22,916	3,478	2,489	3,003	1,407	<u>712</u>	(D)	11,827
Wages.....\$1,000..	52,520	7,831	5,232	6,062	3,883	<u>1,650</u>	(D)	27,862
Value added, adjusted.....do....	168,556	22,721	15,814	22,870	10,668	<u>3,981</u>	(D)	92,502
Value of shipments.....do....	284,014	37,288	25,032	40,926	16,603	<u>5,850</u>	(D)	158,315
INDUSTRY 3842.--SURGICAL APPLIANCES AND SUPPLIES								
Companies.....number..	657	562	34	19	15	6	10	11
Establishments.....do....	704	571	53	22	17	6	13	22
All employees:								
Total.....do.....	28,267	4,281	2,237	2,556	3,285	1,080	4,626	10,202
Payroll.....\$1,000..	161,800	20,137	10,954	11,614	15,358	5,404	29,295	69,038
Production workers:								
Total.....number..	18,987	3,278	1,661	1,920	2,402	608	3,052	6,066
Man-hours.....1,000..	37,904	6,262	3,301	3,659	4,730	1,146	6,279	12,527
Wages.....\$1,000..	85,790	13,543	6,813	7,012	8,665	2,413	15,664	31,680
Value added, adjusted.....do....	370,273	39,995	19,102	19,357	34,202	8,066	80,274	109,277
Value of shipments.....do....	596,666	62,140	33,735	37,786	51,552	<u>14,370</u>	121,826	275,252

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963--Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3843.--DENTAL EQUIPMENT AND SUPPLIES								
Companies.....number..	302	269	13	12	2	-	3	3
Establishments.....do....	316	271	15	16	2	-	6	6
All employees:								
Total.....do....	8,008	1,686	920	2,343	(D)	-	3,059	(D)
Payroll.....\$1,000..	46,080	9,819	5,200	13,265	(D)	-	17,796	(D)
Production workers:								
Total.....number..	5,751	1,180	524	1,678	(D)	-	2,369	(D)
Man-hours.....1,000..	11,211	2,244	1,037	3,295	(D)	-	4,635	(D)
Wages.....\$1,000..	27,144	5,585	2,094	7,607	(D)	-	11,858	(D)
Value added, adjusted.....do....	95,876	18,127	11,674	23,819	(D)	-	42,256	(D)
Value of shipments.....do....	147,805	31,352	22,467	36,217	(D)	-	57,769	(D)
INDUSTRY 3851.--OPHTHALMIC GOODS								
Companies.....number..	211	148	35	13	8	2	1	4
Establishments.....do....	229	149	35	16	12	5	1	11
All employees:								
Total.....do....	20,296	1,729	2,411	2,188	4,359	(D)	(D)	9,609
Payroll.....\$1,000..	96,361	7,820	10,483	9,732	18,235	(D)	(D)	50,091
Production workers:								
Total.....number..	16,467	1,366	1,962	1,860	3,521	(D)	(D)	7,758
Man-hours.....1,000..	32,771	2,673	3,917	3,705	6,935	(D)	(D)	15,541
Wages.....\$1,000..	68,954	5,438	7,275	7,027	12,290	(D)	(D)	36,924
Value added, adjusted.....do....	177,898	13,981	17,653	18,093	32,321	(D)	(D)	95,850
Value of shipments.....do....	272,687	23,973	31,731	28,855	53,343	(D)	(D)	134,785
INDUSTRY 3861.--PHOTOGRAPHIC EQUIPMENT								
Companies.....number..	499	403	34	21	8	16	3	14
Establishments.....do....	538	405	35	23	8	26	4	37
All employees:								
Total.....do....	64,937	3,764	2,198	2,847	1,975	7,019	(D)	47,134
Payroll.....\$1,000..	498,828	21,081	14,643	17,699	11,020	43,630	(D)	390,755
Production workers:								
Total.....number..	39,248	2,668	1,570	1,964	1,323	4,368	(D)	27,355
Man-hours.....1,000..	77,753	5,373	3,318	3,874	2,621	9,252	(D)	53,315
Wages.....\$1,000..	251,566	12,952	8,494	9,850	5,842	23,809	(D)	190,619
Value added, adjusted.....do....	1,270,132	42,546	26,578	32,059	27,367	95,244	(D)	1,046,338
Value of shipments.....do....	1,851,213	76,943	43,330	53,756	49,926	178,344	(D)	1,448,914
INDUSTRY 3871.--WATCHES AND CLOCKS								
Companies.....number..	150	112	9	7	3	5	5	9
Establishments.....do....	167	113	9	7	3	5	10	20
All employees:								
Total.....do....	27,047	1,213	555	1,122	824	2,118	4,707	16,508
Payroll.....\$1,000..	144,179	6,084	2,377	5,791	3,871	13,360	28,365	84,331
Production workers:								
Total.....number..	20,983	885	452	648	669	1,405	3,567	13,357
Man-hours.....1,000..	41,171	1,744	943	1,264	1,254	2,980	7,098	25,888
Wages.....\$1,000..	92,404	3,694	1,688	2,682	2,707	7,563	17,601	56,469
Value added, adjusted.....do....	288,053	13,415	3,959	13,755	5,151	38,446	46,907	166,420
Value of shipments.....do....	511,168	26,595	5,840	30,085	10,594	58,696	88,520	290,838
INDUSTRY 3872.--WATCHCASES								
Companies.....number..	51	40	7	-	2	-	1	1
Establishments.....do....	53	40	7	-	3	-	1	2
All employees:								
Total.....do....	2,706	452	493	-	1,761	-	(D)	(D)
Payroll.....\$1,000..	13,415	2,431	2,692	-	8,292	-	(D)	(D)
Production workers:								
Total.....number..	2,302	375	434	-	1,493	-	(D)	(D)
Man-hours.....1,000..	4,548	690	857	-	3,001	-	(D)	(D)
Wages.....\$1,000..	10,375	1,863	2,135	-	6,377	-	(D)	(D)
Value added, adjusted.....do....	19,218	3,919	4,061	-	11,238	-	(D)	(D)
Value of shipments.....do....	33,620	7,099	6,078	-	19,243	-	(D)	(D)

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
MAJOR GROUP 39.--MISCELLANEOUS MANUFACTURING								
Companies.....number..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Establishments.....do....	14,723	12,816	770	547	167	148	131	144
All employees:								
Total.....do.....	390,760	113,088	50,200	64,565	38,500	37,409	43,829	43,169
Payroll.....\$1,000..	1,812,104	495,944	225,310	294,384	173,775	180,147	223,996	218,548
Production workers:								
Total.....number..	315,017	91,008	41,443	53,395	31,074	29,645	34,127	34,325
Man-hours.....1,000..	613,227	175,124	80,159	102,981	60,312	59,185	68,247	67,219
Wages.....\$1,000..	1,253,518	354,160	155,069	202,007	117,659	119,243	148,530	156,850
Value added, adjusted.....do....	3,562,361	922,322	400,531	543,106	318,351	413,990	421,223	542,838
Value of shipments ⁴do....	6,494,830	1,753,306	769,690	998,896	582,010	695,639	725,434	969,855
INDUSTRY 3911.--JEWELRY, PRECIOUS METAL								
Companies.....number..	1,428	1,341	53	22	5	4	3	-
Establishments.....do....	1,438	1,344	53	24	5	4	8	-
All employees:								
Total.....do.....	23,551	9,654	3,592	3,379	1,373	<u>5,553</u>	(D)	-
Payroll.....\$1,000..	125,610	49,654	18,178	17,432	6,680	<u>33,666</u>	(D)	-
Production workers:								
Total.....number..	17,455	7,189	2,896	2,492	1,086	<u>3,792</u>	(D)	-
Man-hours.....1,000..	35,601	14,525	5,800	4,785	2,028	<u>8,463</u>	(D)	-
Wages.....\$1,000..	79,251	33,897	12,190	10,289	4,047	<u>18,828</u>	(D)	-
Value added, adjusted.....do....	234,925	90,142	34,175	34,569	11,286	<u>64,753</u>	(D)	-
Value of shipments.....do....	481,943	206,816	60,276	97,864	17,680	<u>99,307</u>	(D)	-
INDUSTRY 3912.--JEWELERS' FINDINGS AND MATERIALS								
Companies.....number..	228	206	12	4	4	1	-	1
Establishments.....do....	228	206	12	4	4	1	-	1
All employees:								
Total.....do.....	4,816	2,206	841	590	<u>1,179</u>	(D)	-	(D)
Payroll.....\$1,000..	20,836	9,226	3,742	2,666	<u>5,202</u>	(D)	-	(D)
Production workers:								
Total.....number..	3,924	1,847	686	470	<u>921</u>	(D)	-	(D)
Man-hours.....1,000..	7,684	3,593	1,432	853	<u>1,806</u>	(D)	-	(D)
Wages.....\$1,000..	14,001	6,533	2,489	1,627	<u>3,352</u>	(D)	-	(D)
Value added, adjusted.....do....	33,958	14,680	6,751	3,800	<u>8,727</u>	(D)	-	(D)
Value of shipments.....do....	72,833	26,820	22,300	6,564	<u>17,149</u>	(D)	-	(D)
INDUSTRY 3913.--LAPIDARY WORK								
Companies.....number..	318	313	2	-	-	-	-	3
Establishments.....do....	318	313	2	-	-	-	-	3
All employees:								
Total.....do.....	1,535	1,111	<u>424</u>	-	-	-	-	(D)
Payroll.....\$1,000..	8,289	5,839	<u>2,450</u>	-	-	-	-	(D)
Production workers:								
Total.....number..	1,239	914	<u>325</u>	-	-	-	-	(D)
Man-hours.....1,000..	2,265	1,641	<u>624</u>	-	-	-	-	(D)
Wages.....\$1,000..	6,085	4,561	<u>1,524</u>	-	-	-	-	(D)
Value added, adjusted.....do....	16,129	11,065	<u>5,064</u>	-	-	-	-	(D)
Value of shipments.....do....	65,094	43,229	<u>21,865</u>	-	-	-	-	(D)
INDUSTRY 3914.--SILVERWARE AND PLATED WARE								
Companies.....number..	201	164	14	10	4	2	5	2
Establishments.....do....	209	164	14	12	4	3	7	5
All employees:								
Total.....do.....	13,249	1,946	931	1,480	<u>2,060</u>	(D)	<u>6,832</u>	(D)
Payroll.....\$1,000..	70,924	9,213	4,736	7,827	<u>10,061</u>	(D)	<u>39,087</u>	(D)
Production workers:								
Total.....number..	10,888	1,565	755	1,177	<u>1,598</u>	(D)	<u>5,793</u>	(D)
Man-hours.....1,000..	22,140	3,098	1,526	2,398	<u>3,070</u>	(D)	<u>12,048</u>	(D)
Wages.....\$1,000..	54,775	6,811	3,291	5,201	<u>6,521</u>	(D)	<u>32,951</u>	(D)
Value added, adjusted.....do....	130,735	16,266	7,181	14,140	<u>19,845</u>	(D)	<u>73,303</u>	(D)
Value of shipments.....do....	237,999	30,727	11,807	22,546	<u>32,919</u>	(D)	<u>140,000</u>	(D)

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3931.--MUSICAL INSTRUMENTS AND PARTS								
Companies.....number..	288	223	30	15	7	4	6	3
Establishments.....do....	320	223	33	16	10	8	26	4
All employees:								
Total.....do....	20,095	2,028	2,118	2,319	2,179	2,567	8,363	521
Payroll.....\$1,000..	103,029	9,100	10,876	12,274	12,020	14,469	41,826	2,464
Production workers:								
Total.....number..	16,664	1,716	1,818	1,927	1,812	2,131	6,848	412
Man-hours.....1,000..	33,600	3,372	3,704	3,964	3,744	4,224	13,741	851
Wages.....\$1,000..	76,471	7,205	8,461	8,664	9,583	10,739	29,979	1,840
Value added, adjusted.....do....	179,035	15,643	17,721	23,996	16,472	25,466	77,498	2,239
Value of shipments.....do....	314,407	27,442	30,484	41,590	27,188	39,484	142,673	5,546
INDUSTRY 3941.--GAMES AND TOYS								
Companies.....number..	767	578	70	61	26	15	9	8
Establishments.....do....	797	579	70	67	31	18	22	10
All employees:								
Total.....do....	51,835	6,812	4,583	8,842	8,145	8,646	11,251	3,556
Payroll.....\$1,000..	206,744	24,768	17,523	32,880	31,110	36,091	48,545	15,827
Production workers:								
Total.....number..	44,031	5,695	3,995	7,662	6,917	7,198	9,549	3,015
Man-hours.....1,000..	84,425	10,823	7,578	14,353	12,902	14,441	18,574	5,754
Wages.....\$1,000..	145,243	17,434	12,647	22,909	22,436	24,284	34,413	11,120
Value added, adjusted.....do....	444,101	63,591	35,210	68,741	63,489	84,253	97,083	31,734
Value of shipments.....do....	796,631	113,415	67,672	124,051	115,205	138,283	184,880	53,125
INDUSTRY 3942.--DOLLS								
Companies.....number..	403	331	43	16	9	1	1	2
Establishments.....do....	410	331	47	16	12	1	1	2
All employees:								
Total.....do....	16,213	4,286	3,045	2,167	6,715	(D)	(D)	(D)
Payroll.....\$1,000..	58,991	13,149	10,115	7,402	28,325	(D)	(D)	(D)
Production workers:								
Total.....number..	13,934	3,771	2,714	1,941	5,508	(D)	(D)	(D)
Man-hours.....1,000..	24,361	6,507	4,676	3,598	9,580	(D)	(D)	(D)
Wages.....\$1,000..	41,751	10,570	7,889	5,958	17,334	(D)	(D)	(D)
Value added, adjusted.....do....	138,100	24,714	19,436	13,297	80,653	(D)	(D)	(D)
Value of shipments.....do....	247,942	49,057	36,941	25,823	136,121	(D)	(D)	(D)
INDUSTRY 3943.--CHILDREN'S VEHICLES								
Companies.....number..	60	37	9	6	3	3	1	1
Establishments.....do....	64	37	9	6	4	6	1	1
All employees:								
Total.....do....	4,542	300	622	1,044	862	1,714	(D)	(D)
Payroll.....\$1,000..	19,436	1,103	2,593	4,622	3,521	7,597	(D)	(D)
Production workers:								
Total.....number..	3,796	243	526	910	776	1,341	(D)	(D)
Man-hours.....1,000..	7,595	472	1,107	1,738	1,448	2,830	(D)	(D)
Wages.....\$1,000..	14,275	827	1,877	3,519	2,833	5,219	(D)	(D)
Value added, adjusted.....do....	35,304	1,393	4,791	6,755	8,317	14,048	(D)	(D)
Value of shipments.....do....	77,507	3,349	9,491	14,677	14,439	35,551	(D)	(D)
INDUSTRY 3949.--SPORTING AND ATHLETIC GOODS								
Companies.....number..	1,361	1,210	56	52	18	8	5	12
Establishments.....do....	1,419	1,213	60	61	21	9	10	45
All employees:								
Total.....do....	40,543	9,831	3,885	6,972	4,077	1,421	2,371	11,986
Payroll.....\$1,000..	175,777	36,869	16,602	28,880	18,281	5,102	12,300	57,743
Production workers:								
Total.....number..	32,514	8,172	3,265	5,829	3,066	1,189	1,918	9,075
Man-hours.....1,000..	62,703	15,652	6,324	11,208	6,196	2,436	3,888	16,999
Wages.....\$1,000..	123,306	27,082	11,676	21,156	12,286	3,750	8,343	39,013
Value added, adjusted.....do....	360,980	72,219	28,250	52,485	31,045	8,132	27,255	141,594
Value of shipments.....do....	704,718	147,332	62,986	108,896	58,441	15,152	41,130	270,781

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3951.--PENS AND MECHANICAL PENCILS								
Companies.....number..	133	88	17	15	4	4	4	1
Establishments.....do....	139	88	18	16	4	4	8	1
All employees:								
Total.....do.....	11,562	861	1,182	2,156	1,106	978	5,279	(D)
Payroll.....\$1,000..	54,968	3,227	4,299	9,348	4,497	2,514	31,083	(D)
Production workers:								
Total.....number..	9,065	716	1,037	1,867	858	735	3,852	(D)
Man-hours.....1,000..	17,937	1,344	1,933	3,655	1,672	1,593	7,740	(D)
Wages.....\$1,000..	33,944	2,302	2,941	6,492	2,634	1,498	18,077	(D)
Value added, adjusted.....do....	119,069	6,596	8,225	26,766	7,351	8,094	62,037	(D)
Value of shipments.....do....	185,464	14,713	20,100	41,090	14,377	11,640	83,544	(D)
INDUSTRY 3952.--LEAD PENCILS AND ART GOODS								
Companies.....number..	140	110	8	12	2	4	3	1
Establishments.....do....	144	110	8	12	2	7	4	1
All employees:								
Total.....do.....	6,868	1,226	519	2,344	(D)	1,538	1,241	(D)
Payroll.....\$1,000..	31,944	5,665	2,442	10,829	(D)	7,681	5,327	(D)
Production workers:								
Total.....number..	5,020	956	411	1,644	(D)	1,138	871	(D)
Man-hours.....1,000..	9,831	1,871	817	3,205	(D)	2,241	1,697	(D)
Wages.....\$1,000..	18,394	3,713	1,537	5,539	(D)	4,450	3,155	(D)
Value added, adjusted.....do....	64,731	11,372	4,721	20,256	(D)	18,222	10,160	(D)
Value of shipments.....do....	121,630	22,257	9,246	39,957	(D)	30,629	19,541	(D)
INDUSTRY 3953.--MARKING DEVICES								
Companies.....number..	581	557	13	5	1	3	2	-
Establishments.....do....	616	561	13	7	1	22	12	-
All employees:								
Total.....do.....	7,625	3,797	908	749	(D)	2,171	(D)	-
Payroll.....\$1,000..	41,367	20,437	4,965	3,499	(D)	12,466	(D)	-
Production workers:								
Total.....number..	5,257	2,598	625	590	(D)	1,444	(D)	-
Man-hours.....1,000..	10,657	5,253	1,294	1,197	(D)	2,913	(D)	-
Wages.....\$1,000..	24,950	13,055	2,836	2,083	(D)	6,976	(D)	-
Value added, adjusted.....do....	85,572	35,545	6,870	6,969	(D)	36,188	(D)	-
Value of shipments.....do....	126,845	51,533	12,720	12,132	(D)	50,460	(D)	-
INDUSTRY 3955.--CARBON PAPER AND INKED RIBBONS								
Companies.....number..	91	61	13	3	3	3	-	8
Establishments.....do....	102	61	16	4	3	5	-	13
All employees:								
Total.....do.....	5,539	884	1,221	(D)	1,744	(D)	-	1,690
Payroll.....\$1,000..	31,480	4,873	7,410	(D)	9,763	(D)	-	9,434
Production workers:								
Total.....number..	3,819	636	817	(D)	1,183	(D)	-	1,183
Man-hours.....1,000..	7,671	1,274	1,644	(D)	2,475	(D)	-	2,278
Wages.....\$1,000..	17,628	2,885	3,618	(D)	5,527	(D)	-	5,598
Value added, adjusted.....do....	68,353	8,679	12,913	(D)	23,516	(D)	-	23,245
Value of shipments.....do....	155,513	22,017	29,120	(D)	54,323	(D)	-	50,053
INDUSTRY 3961.--COSTUME JEWELRY								
Companies.....number..	910	818	47	31	4	6	2	2
Establishments.....do....	912	818	47	31	4	8	2	2
All employees:								
Total.....do.....	21,655	7,447	3,312	4,173	1,212	2,684	2,827	(D)
Payroll.....\$1,000..	85,268	26,106	12,326	16,953	6,203	11,159	12,521	(D)
Production workers:								
Total.....number..	18,225	6,248	2,849	3,556	999	2,369	2,204	(D)
Man-hours.....1,000..	34,535	11,452	5,180	7,090	1,963	4,594	4,256	(D)
Wages.....\$1,000..	59,760	19,184	8,801	11,580	3,596	8,059	8,540	(D)
Value added, adjusted.....do....	150,999	49,526	21,589	25,455	9,501	16,784	28,144	(D)
Value of shipments.....do....	280,478	100,128	46,487	48,543	14,380	31,493	39,447	(D)

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3962.--ARTIFICIAL FLOWERS								
Companies.....number..	367	352	6	8	1	-	-	-
Establishments.....do....	384	354	6	23	1	-	-	-
All employees:								
Total.....do.....	4,958	3,683	(D)	1,275	(D)	-	-	-
Payroll.....\$1,000..	16,338	12,372	(D)	3,966	(D)	-	-	-
Production workers:								
Total.....number..	4,266	3,120	(D)	1,146	(D)	-	-	-
Man-hours.....1,000..	7,609	5,576	(D)	2,033	(D)	-	-	-
Wages.....\$1,000..	12,113	8,998	(D)	3,115	(D)	-	-	-
Value added, adjusted.....do....	29,194	21,288	(D)	7,906	(D)	-	-	-
Value of shipments.....do....	60,418	44,512	(D)	15,906	(D)	-	-	-
INDUSTRY 3963.--BUTTONS								
Companies.....number..	282	255	16	11	-	-	-	-
Establishments.....do....	290	255	17	18	-	-	-	-
All employees:								
Total.....do.....	5,599	2,557	1,156	1,886	-	-	-	-
Payroll.....\$1,000..	23,024	9,180	4,320	9,524	-	-	-	-
Production workers:								
Total.....number..	4,728	2,221	1,004	1,503	-	-	-	-
Man-hours.....1,000..	9,133	4,315	1,935	2,883	-	-	-	-
Wages.....\$1,000..	16,520	7,238	3,381	5,901	-	-	-	-
Value added, adjusted.....do....	43,751	16,080	8,266	19,405	-	-	-	-
Value of shipments.....do....	81,835	29,387	14,988	37,460	-	-	-	-
INDUSTRY 3964.--NEEDLES, PINS, AND FASTENERS								
Companies.....number..	314	251	27	16	7	5	2	6
Establishments.....do....	343	251	31	17	7	6	3	28
All employees:								
Total.....do.....	20,271	3,270	1,837	2,530	2,012	4,374	(D)	6,248
Payroll.....\$1,000..	89,431	12,514	8,387	10,469	9,821	19,440	(D)	28,800
Production workers:								
Total.....number..	16,675	2,804	1,557	2,267	1,453	3,556	(D)	5,038
Man-hours.....1,000..	32,642	5,255	3,079	4,386	2,918	6,975	(D)	10,029
Wages.....\$1,000..	64,125	9,493	5,980	8,127	5,441	13,758	(D)	21,326
Value added, adjusted.....do....	190,868	25,174	17,517	19,498	16,967	36,787	(D)	74,925
Value of shipments.....do....	337,285	55,219	33,633	37,681	27,824	61,762	(D)	121,166
INDUSTRY 3981.--BROOMS AND BRUSHES								
Companies.....number..	628	548	39	22	6	6	1	6
Establishments.....do....	643	548	40	27	10	9	1	8
All employees:								
Total.....do.....	16,637	4,706	2,789	2,768	1,639	2,159	(D)	2,576
Payroll.....\$1,000..	73,620	17,993	10,987	11,377	7,725	12,947	(D)	12,591
Production workers:								
Total.....number..	13,428	3,907	2,315	2,242	1,372	1,674	(D)	1,918
Man-hours.....1,000..	25,801	7,442	4,383	4,170	2,741	3,253	(D)	3,812
Wages.....\$1,000..	49,510	12,865	7,298	7,326	5,400	8,324	(D)	8,297
Value added, adjusted.....do....	167,866	33,142	22,910	19,556	14,850	49,703	(D)	27,705
Value of shipments.....do....	321,129	68,752	41,611	39,252	31,199	95,641	(D)	44,674
INDUSTRY 3982.--HARD SURFACE FLOOR COVERINGS								
Companies.....number..	13	5	1	2	1	1	-	3
Establishments.....do....	16	5	1	2	1	1	-	6
All employees:								
Total.....do.....	6,192	84	828	(D)	(D)	5,280	-	(D)
Payroll.....\$1,000..	38,965	426	5,256	(D)	(D)	33,283	-	(D)
Production workers:								
Total.....number..	4,958	78	633	(D)	(D)	4,247	-	(D)
Man-hours.....1,000..	10,099	129	1,317	(D)	(D)	8,653	-	(D)
Wages.....\$1,000..	29,488	388	3,553	(D)	(D)	25,547	-	(D)
Value added, adjusted.....do....	118,832	1,295	12,270	(D)	(D)	105,267	-	(D)
Value of shipments.....do....	204,112	2,371	25,281	(D)	(D)	176,460	-	(D)

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3983.--MATCHES								
Companies.....number..	18	6	2	3	-	3	-	4
Establishments.....do....	26	6	2	4	-	4	-	10
All employees:								
Total.....do....	4,647	254	(D)	1,325	-	(D)	-	3,068
Payroll.....\$1,000..	21,659	1,232	(D)	6,227	-	(D)	-	14,200
Production workers:								
Total.....number..	3,988	232	(D)	1,065	-	(D)	-	2,691
Man-hours.....1,000..	7,790	464	(D)	2,086	-	(D)	-	5,240
Wages.....\$1,000..	17,268	1,060	(D)	4,407	-	(D)	-	11,801
Value added, adjusted.....do....	38,666	1,619	(D)	8,132	-	(D)	-	28,915
Value of shipments.....do....	64,131	3,248	(D)	15,474	-	(D)	-	45,409
INDUSTRY 3984.--CANDLES								
Companies.....number..	108	92	7	6	3	-	-	-
Establishments.....do....	111	92	7	9	3	-	-	-
All employees:								
Total.....do....	3,167	835	510	882	940	-	-	-
Payroll.....\$1,000..	13,225	3,100	2,145	3,662	4,318	-	-	-
Production workers:								
Total.....number..	2,375	667	400	682	626	-	-	-
Man-hours.....1,000..	4,553	1,221	775	1,229	1,328	-	-	-
Wages.....\$1,000..	7,884	2,113	1,173	2,287	2,311	-	-	-
Value added, adjusted.....do....	26,306	6,601	3,825	6,814	9,066	-	-	-
Value of shipments.....do....	45,515	12,278	6,793	11,726	14,718	-	-	-
INDUSTRY 3987.--LAMP SHADES								
Companies.....number..	227	211	9	5	2	-	-	-
Establishments.....do....	228	211	9	6	2	-	-	-
All employees:								
Total.....do....	3,583	1,899	620	1,064	(D)	-	-	-
Payroll.....\$1,000..	12,775	6,695	2,164	3,916	(D)	-	-	-
Production workers:								
Total.....number..	3,160	1,675	560	925	(D)	-	-	-
Man-hours.....1,000..	6,002	3,188	1,080	1,734	(D)	-	-	-
Wages.....\$1,000..	9,907	5,402	1,603	2,902	(D)	-	-	-
Value added, adjusted.....do....	20,476	10,882	3,515	6,079	(D)	-	-	-
Value of shipments.....do....	37,485	20,519	6,605	10,361	(D)	-	-	-
INDUSTRY 3988.--MORTICIANS' GOODS								
Companies.....number..	581	507	43	19	6	5	1	-
Establishments.....do....	617	511	50	25	6	17	8	-
All employees:								
Total.....do....	17,283	6,581	2,697	2,991	1,325	3,689	(D)	-
Payroll.....\$1,000..	86,218	29,737	12,302	15,924	7,531	20,724	(D)	-
Production workers:								
Total.....number..	13,545	5,113	2,033	2,473	1,102	2,824	(D)	-
Man-hours.....1,000..	27,507	10,352	4,239	5,006	2,280	5,630	(D)	-
Wages.....\$1,000..	58,447	19,998	7,533	11,138	5,651	14,127	(D)	-
Value added, adjusted.....do....	158,422	53,797	22,286	29,460	12,704	40,175	(D)	-
Value of shipments.....do....	290,036	114,809	41,551	48,729	20,508	64,439	(D)	-
INDUSTRY 3992.--FURS, DRESSED AND DYED								
Companies.....number..	130	115	7	8	-	-	-	-
Establishments.....do....	132	116	8	8	-	-	-	-
All employees:								
Total.....do....	2,577	859	473	1,245	-	-	-	-
Payroll.....\$1,000..	20,092	5,310	3,655	11,127	-	-	-	-
Production workers:								
Total.....number..	2,129	678	421	1,030	-	-	-	-
Man-hours.....1,000..	4,113	1,370	819	1,924	-	-	-	-
Wages.....\$1,000..	16,383	3,940	3,220	9,223	-	-	-	-
Value added, adjusted.....do....	30,240	9,103	4,979	16,158	-	-	-	-
Value of shipments.....do....	42,007	18,087	6,509	17,411	-	-	-	-

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3993.--SIGNS AND ADVERTISING DISPLAYS								
Companies.....number..	3,165	2,971	117	57	11	2	6	1
Establishments.....do....	3,206	2,981	123	73	15	2	11	1
All employees:								
Total.....do.....	43,476	23,632	8,105	7,256	3,018	(D)	1,465	(D)
Payroll.....\$1,000..	242,593	129,819	44,296	42,975	15,942	(D)	9,561	(D)
Production workers:								
Total.....number..	33,139	18,280	6,309	5,501	2,093	(D)	956	(D)
Man-hours.....1,000..	64,837	35,898	12,368	10,550	4,233	(D)	1,788	(D)
Wages.....\$1,000..	163,538	92,333	28,958	27,083	9,591	(D)	5,573	(D)
Value added, adjusted.....do....	407,478	220,671	71,535	73,673	28,074	(D)	13,525	(D)
Value of shipments.....do....	646,772	344,111	116,432	108,947	51,301	(D)	25,981	(D)
INDUSTRY 3995.--UMBRELLAS, PARASOLS, AND CANES								
Companies.....number..	109	98	8	2	1	-	-	-
Establishments.....do....	112	99	8	3	2	-	-	-
All employees:								
Total.....do.....	2,604	1,259	547	798	(D)	-	-	-
Payroll.....\$1,000..	10,151	4,878	2,048	3,225	(D)	-	-	-
Production workers:								
Total.....number..	2,261	1,091	474	696	(D)	-	-	-
Man-hours.....1,000..	4,325	2,122	904	1,299	(D)	-	-	-
Wages.....\$1,000..	7,416	3,571	1,485	2,360	(D)	-	-	-
Value added, adjusted.....do....	16,101	8,161	2,978	4,962	(D)	-	-	-
Value of shipments.....do....	36,630	19,307	7,431	9,892	(D)	-	-	-
INDUSTRY 3999.--MISCELLANEOUS PRODUCTS, N.E.C.								
Companies.....number..	1,479	1,335	63	52	13	8	5	3
Establishments.....do....	1,499	1,339	66	56	15	13	7	3
All employees:								
Total.....do.....	30,138	11,620	4,182	6,291	3,345	2,226	1,932	542
Payroll.....\$1,000..	129,350	45,702	16,875	25,940	15,415	11,232	11,298	2,888
Production workers:								
Total.....number..	24,534	9,354	3,522	5,247	2,855	1,711	1,436	409
Man-hours.....1,000..	47,811	17,841	6,700	10,330	5,890	3,362	2,850	838
Wages.....\$1,000..	91,085	32,570	12,451	17,928	11,264	7,549	7,517	1,806
Value added, adjusted.....do....	252,170	96,403	31,090	46,650	23,711	31,621	16,214	6,481
Value of shipments.....do....	458,471	168,351	64,037	83,361	51,400	51,257	30,326	9,739
MAJOR GROUP 19.--ORDNANCE AND ACCESSORIES								
Companies.....number..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Establishments.....do....	258	110	17	19	13	15	10	74
All employees:								
Total.....do.....	245,934	1,131	1,265	2,896	3,296	4,695	2,690	229,961
Payroll.....\$1,000..	1,956,954	6,322	7,472	16,665	16,933	26,015	16,033	1,867,514
Production workers:								
Total.....number..	122,891	837	1,059	2,348	2,683	3,636	2,206	110,122
Man-hours.....1,000..	246,512	1,835	2,116	4,800	5,121	7,533	4,809	220,298
Wages.....\$1,000..	788,990	4,037	4,749	10,731	11,571	19,168	12,180	726,554
Value added, adjusted.....do....	2,882,521	9,397	11,809	30,267	28,678	43,516	27,488	2,731,366
Value of shipments.....do....	4,784,047	17,808	24,078	47,718	50,052	106,357	52,975	4,485,059
INDUSTRY 1925.--COMPLETE GUIDED MISSILES								
Companies.....number..	25	5	-	-	1	1	-	18
Establishments.....do....	31	5	-	-	1	1	-	24
All employees:								
Total.....do.....	148,908	382	-	-	(D)	(D)	-	148,526
Payroll.....\$1,000..	1,325,803	2,441	-	-	(D)	(D)	-	1,323,362
Production workers:								
Total.....number..	54,527	260	-	-	(D)	(D)	-	54,267
Man-hours.....1,000..	110,358	494	-	-	(D)	(D)	-	109,864
Wages.....\$1,000..	395,184	1,323	-	-	(D)	(D)	-	393,861
Value added, adjusted ⁶do....	1,924,812	8,594	-	-	(D)	(D)	-	1,918,218
Value of shipments ⁷do....	3,053,863	12,275	-	-	(D)	(D)	-	3,041,588

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² -						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 1929.--AMMUNITION, N.E.C.								
Companies.....number..	38	13	-	6	1	2	5	11
Establishments.....do....	44	13	-	6	1	3	6	15
All employees:								
Total.....do.....	32,578	200	-	2,546	(D)	(D)	1,457	28,375
Payroll.....\$1,000..	202,208	1,342	-	14,589	(D)	(D)	8,153	178,124
Production workers:								
Total.....number..	25,059	162	-	2,063	(D)	(D)	1,235	21,599
Man-hours.....1,000..	48,966	367	-	4,045	(D)	(D)	2,487	42,067
Wages.....\$1,000..	137,662	1,007	-	10,405	(D)	(D)	6,285	119,965
Value added, adjusted.....do....	285,774	1,344	-	23,439	(D)	(D)	13,663	247,328
Value of shipments.....do.....	503,001	2,997	-	45,234	(D)	(D)	26,627	428,143
INDUSTRY 1931.--TANKS AND TANK COMPONENTS								
Companies.....number..	23	9	5	2	-	2	-	5
Establishments.....do....	26	9	5	2	-	3	-	7
All employees:								
Total.....do.....	11,307	95	1,398	(D)	-	(D)	-	9,814
Payroll.....\$1,000..	76,583	439	8,071	(D)	-	(D)	-	68,073
Production workers:								
Total.....number..	7,788	79	1,176	(D)	-	(D)	-	6,533
Man-hours.....1,000..	16,234	184	2,470	(D)	-	(D)	-	13,580
Wages.....\$1,000..	48,421	286	5,763	(D)	-	(D)	-	42,372
Value added, adjusted.....do....	148,369	473	11,506	(D)	-	(D)	-	136,390
Value of shipments.....do.....	394,144	1,660	52,804	(D)	-	(D)	-	339,680
INDUSTRY 1941.--SIGHTING AND FIRE CONTROL EQUIPMENT								
Companies.....number..	13	5	1	1	-	1	1	4
Establishments.....do....	13	5	1	1	-	1	1	4
All employees:								
Total.....do.....	9,249	1,081	(D)	(D)	-	(D)	(D)	8,168
Payroll.....\$1,000..	66,949	7,313	(D)	(D)	-	(D)	(D)	59,636
Production workers:								
Total.....number..	5,810	714	(D)	(D)	-	(D)	(D)	5,096
Man-hours.....1,000..	11,085	1,495	(D)	(D)	-	(D)	(D)	9,590
Wages.....\$1,000..	36,639	3,909	(D)	(D)	-	(D)	(D)	32,730
Value added, adjusted.....do....	96,281	10,727	(D)	(D)	-	(D)	(D)	85,554
Value of shipments.....do.....	156,568	16,710	(D)	(D)	-	(D)	(D)	139,858
INDUSTRY 1951.--SMALL ARMS, 30MM. AND UNDER								
Companies.....number..	52	35	4	2	3	2	-	6
Establishments.....do....	52	35	4	2	3	2	-	6
All employees:								
Total.....do.....	9,995	360	721	(D)	8,914	(D)	-	(D)
Payroll.....\$1,000..	57,347	1,920	3,905	(D)	51,522	(D)	-	(D)
Production workers:								
Total.....number..	7,497	279	625	(D)	6,593	(D)	-	(D)
Man-hours.....1,000..	15,085	588	1,287	(D)	13,210	(D)	-	(D)
Wages.....\$1,000..	39,288	1,356	2,694	(D)	35,238	(D)	-	(D)
Value added, adjusted.....do....	88,302	3,859	7,185	(D)	77,258	(D)	-	(D)
Value of shipments.....do.....	133,042	5,537	12,610	(D)	114,895	(D)	-	(D)
INDUSTRY 1961.--SMALL ARMS AMMUNITION								
Companies.....number..	27	21	-	2	-	1	1	2
Establishments.....do....	31	21	-	2	-	1	2	5
All employees:								
Total.....do.....	8,909	164	-	546	-	(D)	8,199	(D)
Payroll.....\$1,000..	51,895	717	-	2,709	-	(D)	48,469	(D)
Production workers:								
Total.....number..	7,061	127	-	444	-	(D)	6,490	(D)
Man-hours.....1,000..	14,083	255	-	913	-	(D)	12,915	(D)
Wages.....\$1,000..	38,099	482	-	1,884	-	(D)	35,733	(D)
Value added, adjusted.....do....	103,772	1,453	-	6,509	-	(D)	95,810	(D)
Value of shipments.....do.....	192,454	3,092	-	9,419	-	(D)	179,943	(D)

See footnotes at end of table.

Selected Statistics for Manufacturing Establishments by Company Employment Size and Industries: 1963—Continued

Item	All companies, total ¹	Companies with an average of ² —						
		1 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 1911 AND 1999.--GUNS, HOWITZERS, AND MORTARS AND ORDNANCE AND ACCESSORIES, N.E.C.								
Companies.....number..	54	21	7	6	4	4	1	11
Establishments.....do....	61	22	7	6	8	4	1	13
All employees:								
Total.....do....	24,988	184	464	862	1,599	602	(D)	21,277
Payroll.....\$1,000..	176,169	971	2,397	4,838	7,344	3,478	(D)	157,141
Production workers:								
Total.....number..	15,149	134	418	676	1,306	459	(D)	12,156
Man-hours.....1,000..	30,701	336	853	1,354	2,402	907	(D)	24,849
Wages.....\$1,000..	93,697	625	1,827	3,065	5,014	2,295	(D)	80,871
Value added, adjusted.....do....	235,211	1,132	3,312	9,803	12,751	4,309	(D)	203,904
Value of shipments.....do....	350,975	2,431	5,211	14,744	25,085	10,585	(D)	292,919

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures to the left.

(NA) Not available.

¹A company which has establishments classified in different industries is included in the company count in each of those industries. However, all other data in any industry represent only the manufacturing plants of a company in that particular industry. Therefore, the "number of companies" at the "all industries, total" and major industry group levels has been omitted because of duplication.

²The employment size class is determined by the total company employment in all manufacturing activities in the United States, including central administrative offices and auxiliaries serving manufacturing establishments. All establishments of a company are, therefore, included in the same employment size column regardless of establishment size.

³Includes only manufacturing establishments. The companies also reported operating 5,304 Central Administrative offices and auxiliaries serving manufacturing establishments, with 726,477 employees and \$6,615,494 payrolls. Companies with 1,000 or more employees accounted for approximately 90% of the employment and payrolls of these central administrative offices and auxiliaries.

⁴Value of shipments include extensive duplication (see text).

⁵Represents value of production rather than value of shipments.

⁶Adjusted value added for these industries does not take into account the change in inventory between the beginning and end of the year, since value of work done rather than value of shipments is reported by establishments in these industries. Value added by resales is included however.

⁷Represents value of work done rather than value of shipments.

Appendix

EXPLANATION OF TERMS

Employment and Related Items—The standard report forms requested separate information on production workers as of a payroll period for each quarter of the year, other employees as of the 15th of March. The categories defined on the questionnaire are as follows:

All Employees.—The category "all employees" comprises all full-time and part-time employees on the payrolls of operating manufacturing establishments, who worked or received pay for any part of the pay period which included the 12th and ended nearest the 15th of the months specified on the report form. Included are all persons on paid sick leave, paid holidays, and paid vacations during these pay periods. Excluded are members of the Armed Forces and pensioners carried on the active rolls but not working during the period. Officers of corporations are included as employees; proprietors and partners of unincorporated firms are, however, excluded from the total.

Production and related workers.—Workers (up through the working foreman level) engaged in fabricating processing, assembling, inspection, receiving, storage, handling, packing warehousing, shipping (but not delivering), maintenance, repair, janitorial, watchman services, product development, auxiliary production for plants' own use (e.g., power plant), recordkeeping, and other services closely associated with these production operations at the establishment covered by the report. Supervisory employees above the working foreman level are excluded from this category.

All other employees.—Nonproduction personnel of the manufacturing establishment, including those engaged in the following activities: Factory supervision above the working foreman level, sales (including driver salesmen), sales delivery (highway truck drivers and their helpers), advertising, credit, collection, installation and servicing of own products, clerical and routing office functions, executive, purchasing financing, legal, personnel (including cafeteria, medical, etc.), professional, and technical. Also included are employees on the payroll of the manufacturing establishment engaged in the construction of major additions or alterations to the plant and who are utilized as a separate work force.

In addition to the reports sent to operating manufacturing establishments, information was collected on employment as of March 15 and annual payrolls at central administrative offices or auxiliary units of multiestablishment compa-

nies, servicing more than one manufacturing establishment. However, these figures are not included in the totals for individual industries shown in this report. They are included in the "Summary" and "State" reports and all final volumes on a 2-digit industry group basis.

Manufacturing Employees: Average Employment—The 1963 census report forms requested employment figures for "production and related workers" for four selected pay periods (i.e., production worker midmonth employment in March, May, August, and November). For "all other employees" only a mid-March figure was requested. Thus the "annual average" is composed of an average of the four monthly figures for the "production workers" plus the March figure for "all other employees."

This approach was initiated in the intercensal annual survey of manufactures to simplify the schedule format and lighten the reporting burden of respondents, since it was found that the average of these selected pay periods approximates very closely the average employment for the year that would be obtained from the 12 pay periods for almost all industries. In the employment data shown in this report, the 4-month average is shown for all industries.

Manufacturing Employees: Payrolls—This total includes the gross earnings paid in the calendar year 1963 to all employees on the payroll of operating manufacturing establishments. Respondents were told they could follow the definition of payrolls used for calculating the Federal withholding tax. It includes all forms of compensation such as salaries, wages, commissions, dismissal pay, all bonuses, vacation and sick leave pay, and compensation in kind, prior to such deductions as employees' Social Security contributions, withholding taxes, group insurance, union dues, and savings bonds. The total includes salaries of officers of these establishments, if a corporation; it excludes payments to the proprietor or partners, if an unincorporated concern. Also excluded are payments to members of Armed Forces and pensioners carried on the active payroll of manufacturing establishments.

The 1963 census definition of payrolls, identical to that recommended to all Federal statistical agencies by the Bureau of the Budget, is also the same as the 1958 census definition. It should be noted that this definition does not include employers' Social Security contributions, or other nonpayroll labor costs such as employees' pension plans, group insurance premiums, and workmen's compensation.

As in the case of employment figures, the payrolls of separate central administrative offices and auxiliary units of multiestablishment companies are not included in the totals for individual industries or industry groups.

Production and Related Worker Man-Hours—This total consists of all plant man-hours of production and related workers as defined above. It represents all man-hours worked or paid for at the plant including actual overtime hours (not straight-time equivalent hours). It excludes hours paid for vacations, holidays, or sick leave, when the employee was not at the plant. Where employees elected to work during the vacation period, only actual hours worked by such employees were reported.

Value of Shipments—Except in a few industries, the respondents were instructed to report net selling values, f.o.b. plant, after discount and allowances and excluding freight charges and excise taxes. In a few industries, specifically noted in the text of the final reports, delivered prices were acceptable if delivery was included as an integral part of the plant operations such as in the milk and bakery industries.

Multiestablishment companies were asked to report value information for each establishment as if it were a separate economic unit. They were instructed to report the value of all products transferred to other plants of the company at their full economic value; i.e., to include, in addition to direct cost of production, a reasonable proportion of company overhead and profits.

Manufacturers were asked to include as products shipped not only the products made in the establishment but also those made elsewhere under contract from the materials owned by the establishment. Included were all products sold, transferred to other plants of the same company, or shipped on consignment.

In addition, manufacturers reported receipts for contract work performed for others, resales, (i.e., the value of all products resold without further processing) receipts for miscellaneous activities such as sale of scrap and refuse; and the value of installation and repair work performed by the plant employees.

Duplication in Cost of Materials and Value of Products—The aggregate of the cost of materials and value of shipments figures for industry groups and for all manufacturing industries includes large amounts of duplication since the products of some industries are used as materials by others. With some important exceptions, such as motor vehicles and parts, this duplication is not significant within individual 4-digit industries. However, it is significant at the 2-digit and 3-digit industry group because these totals often include industries which represent successive stages in the production of a finished manufactured product. Examples are for the addition of flour mills to bakeries in the "Food Group" and the addition of pulp mills to paper mills in the "Paper and Allied Products Group" of industries. Estimates of the overall extent of this duplication indicate that the value of manufactured

products exclusive of such duplication—the value of finished manufactures—tends to approximate two-thirds of the total value of products reported in the census of manufactures.

Value Added by Manufacture—Value added by manufacture is derived by subtracting the total cost of materials (including materials, supplies, fuel, electric energy, cost of resales and miscellaneous receipts) from the value of shipments (including resales) and other receipts and adjusting the resulting amount by the net change in finished products and work-in-process inventories between the beginning and end of the year.

Value added avoids the duplication in the value of shipments figure which results from the inclusion of the shipments of establishments producing materials and components along with the shipments of establishments producing finished products. It does not exclude, as described in the paragraph below, purchased services. Nevertheless, it is considered to be the best value measure now available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Value added by manufacture should not be confused with "national income originating in manufacturing," as presented in the national income by industrial origin estimates compiled by the Office of Business Economics (OBE), Department of Commerce. The latter measure is the sum of factor costs incurred by an industry in production and is, therefore, a more "net" concept of value added than that used in the census of manufactures. "Income originating" excludes, in addition to cost of materials, such other costs as depreciation charges, State and local taxes (other than corporate income taxes), allowance for bad debts, and purchases of services from nonmanufacturing enterprises, such as contract costs involved in maintenance and repair, services of development and research firms, services of engineering and management consultants, advertising, telephone and telegraph expense, insurance, royalties, patent fees, etc.

In part, the national income originating estimates are prepared from company rather than establishment data. This method will result in the inclusion of some part of the net value added by nonmanufacturing establishments of companies classified as being primarily manufacturing, and conversely, in the exclusion of some part of the net value added by manufacturing establishments of companies classified as primary nonmanufacturing. It is believed that for manufacturing as a whole the net effect increases income originating. (In fact, in the Petroleum and Coal Products major industry group, nonmanufacturing activities of manufacturing companies are so significant that this is the one major industry group in which OBE "income originating" exceeds Census "value added by manufacture.")



CURRENT INDUSTRIAL REPORTS

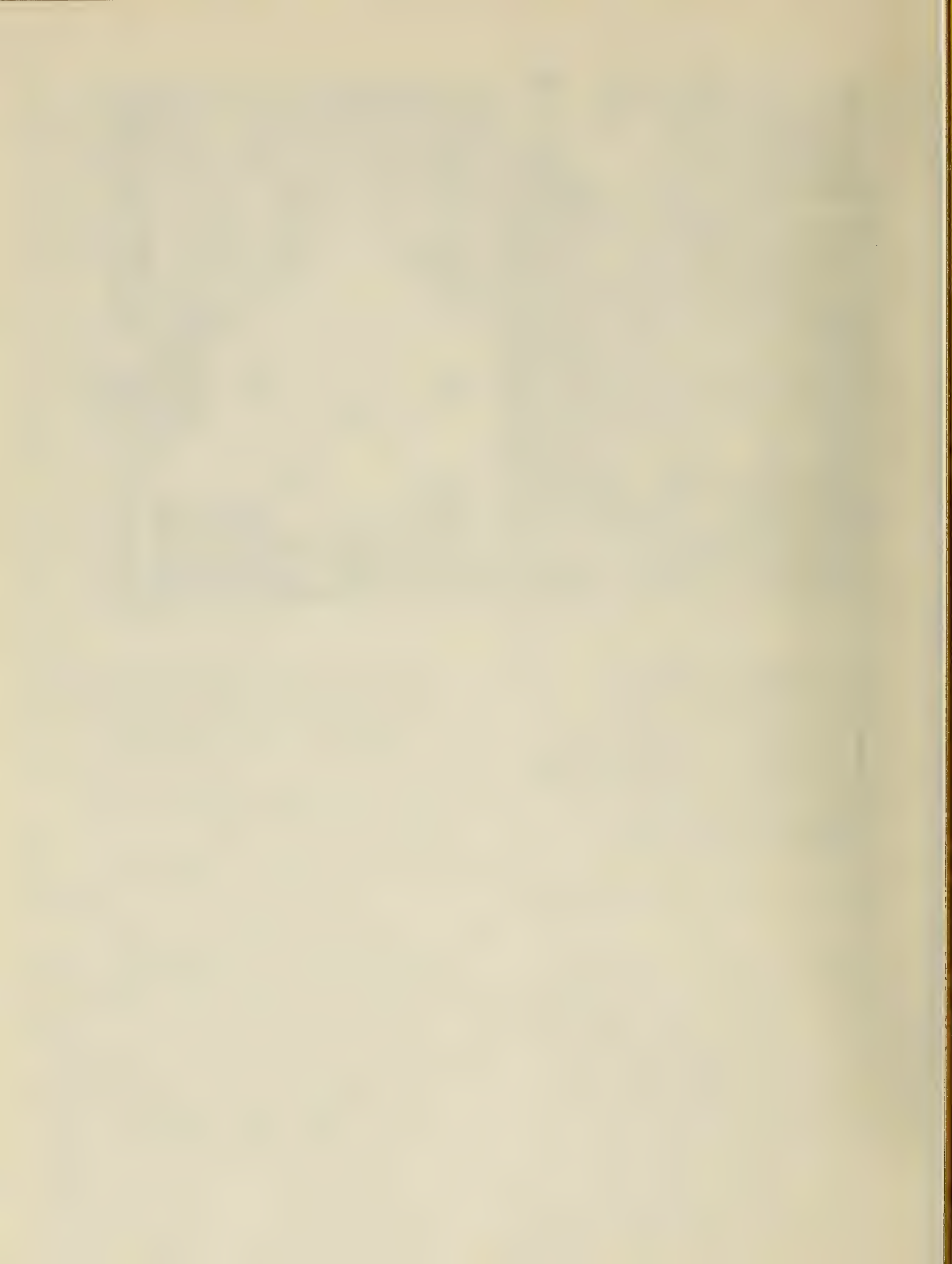
Current Industrial Reports present data for industries in the following broad categories:

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For information on individual product groups covered, frequency of reports, and subscription prices, write to the Bureau of the Census, Washington, D. C. 20233.

U. S. DEPARTMENT OF COMMERCE
Bureau of the Census





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WASHINGTON, D.C. 20402

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Establishments
Classified by Ratio of
Payroll to Value Added
1958 and 1963

U.S. DEPARTMENT OF COMMERCE
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INDUSTRY DIVISION

Owen C. Gretton, Chief

ACKNOWLEDGMENTS: This report was prepared in the Industry Division under the direction of Edward A. Robinson, Assistant Chief for Economic Research. Conrad J. Jacob was directly responsible for the review of the data and preparation of the report. Milton Eisen, Assistant Chief of the Division, provided overall direction and coordination to this project.

Issued June 1968

SUGGESTED CITATION

U.S. Bureau of the Census, Census of Manufactures: 1963. **Establishments Classified by Ratio of Payroll to Value Added, MC63(S)-8.** Washington, D.C. 1968.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, or any of the field offices of the Department of Commerce. Price \$1.25 cents.

1963

Census of Manufactures Publication Program

VOLUME I. SUMMARY AND SUBJECT STATISTICS

In addition to a summary chapter presenting the basic data historically for industries and geographic areas, separate chapters present data on a subject basis. Chapter titles are as follows:

1. General Summary
2. Size of Establishments
3. Type of Organization
4. Manufacturers' Inventories
5. Expenditures for Plant and Equipment
6. Power Equipment in Manufacturing Industries
7. Fuels and Electric Energy
8. Selected Materials Consumed
9. Selected Metalworking Operations
10. Water Use in Manufacturing
11. Concentration Ratios in Manufacturing Industries

Three special reports are also included in this volume: Manufacturing Activity in Government Establishments, Shipments of Defense Oriented Industries, and Origin of Exports of Manufactured Products. Each of the chapters in this volume was previously published as a separate report (Series MC63(1)—, numbers 1 to 10. Chapter 11 was issued as a special report for the Senate Subcommittee on Anti-trust and Monopoly.)

VOLUME II. INDUSTRY STATISTICS

This volume contains separate chapters for each of 80 groups of related industries which cover approximately 430 individual industries. Statistics are shown on detailed product shipments and materials consumption in terms of quantity and value, cost of fuels and electric energy, value added by manufacture, employment, payrolls, inventories, and capital expenditures. Selected statistics are included for earlier census years. This volume is published in two parts. Part 1 contains a general summary chapter and chapters for SIC Major Groups 20 to 28, as well as chapters for related industries within these major groups; Part 2 contains chapters for SIC Major Groups 29 to 39 and 19 as well as chapters for related industries within these major groups. A special report, Manufacturing Activity in Government

Establishments, is included in both parts of this volume. The 80 related-industry chapters were previously published as separate reports in series MC63(2)—, 19A to 39D.

VOLUME III. AREA STATISTICS

This volume contains separate chapters for each State and the District of Columbia. The statistics include all-manufacturing totals for the State and its standard metropolitan statistical areas, counties, and cities with populations of 10,000 or more, with industry detail for the larger areas. The volume also includes a summary chapter presenting data for each of the nine geographic divisions and a special report, Manufacturing Activity in Government Establishments. Each State chapter was previously published as a separate report in Series MC63(3)—, 1 to 51.

OTHER REPORTS

Two series of reports have been issued showing the number of manufacturing establishments in each of the approximately 430 manufacturing industries classified according to their employment size class and the State and county within which they are located. The first series places emphasis on the industry, showing data by location (State and county). Nine separate reports present data for 20 major industry groups. The second series places emphasis on the location showing data by industry. Nine reports—one for each of the nine geographic divisions of the United States—were published in this series. The series titles are as follows:

Location of Manufacturing Plants by Industry, County, and Employment Size (MC63(S)—3, numbers 1 to 9)

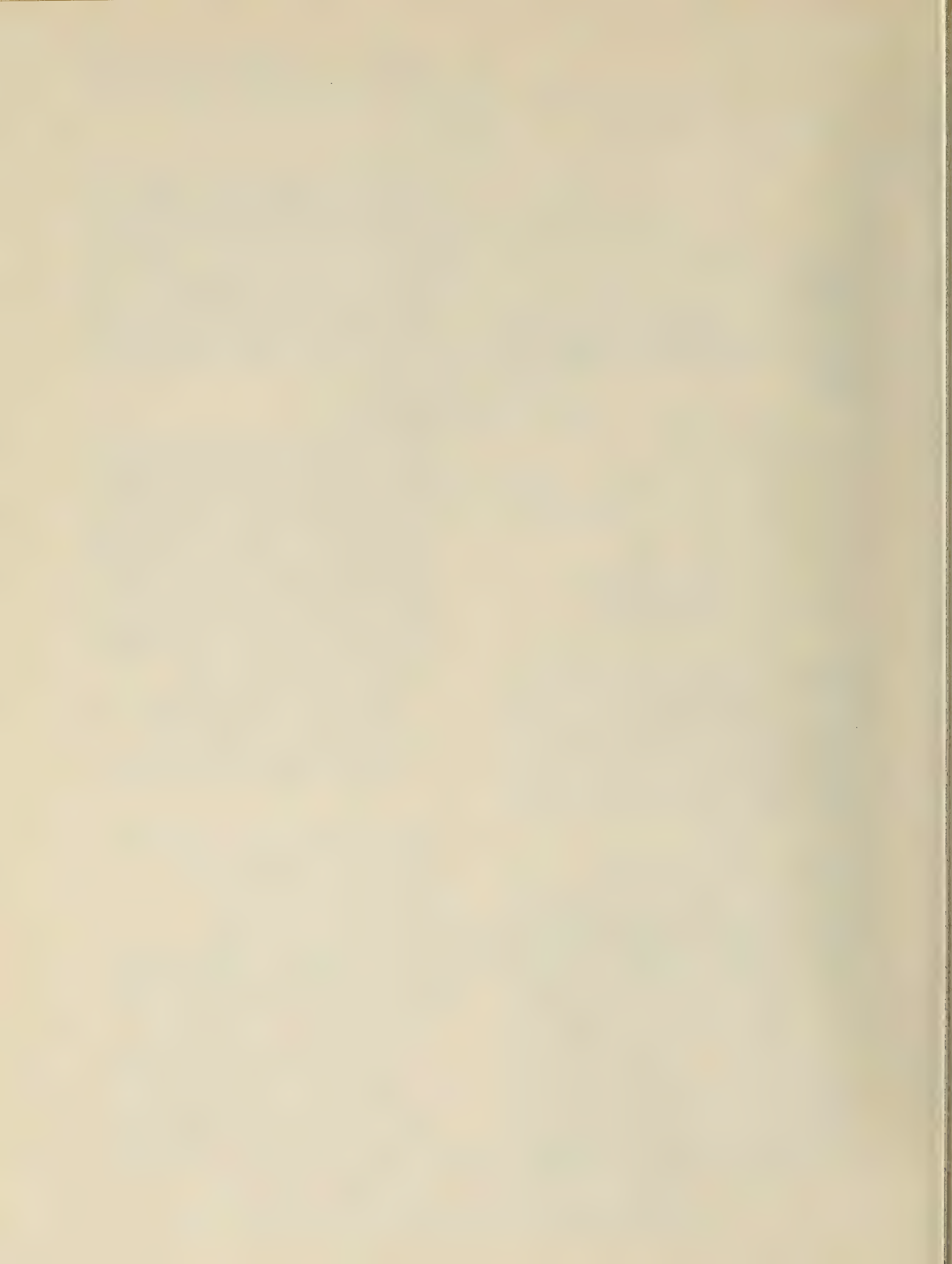
Location of Manufacturing Plants by County, Industry, and Employment Size (MC63(S)—4, numbers 1 to 9)

The 1963 Census of Mineral Industries Publication Program

The 1963 Census of Mineral Industries was conducted jointly with the census of manufactures. This census was similar in scope and in publication program. Final results are published in two volumes, as follows:

Volume I. Summary and Industry Statistics, contains a summary chapter, 5 subject-type chapters, and 18 chapters showing related mineral industries.

Volume II. Area Statistics, contains separate chapters for each State (Delaware, Maryland, and the District of Columbia are combined).



Introduction

GENERAL--This report is a supplement to the 1963 Census of Manufactures, Volume I, Summary and Subject Statistics. That volume provides data on special subjects such as inventories, capital expenditures, size of establishments, concentration ratios in manufacturing, etc. The contents of each of the three volumes of the 1963 Census of Manufactures are described on page i.

These data were compiled at the request and with the financial support of the Business and Defense Services Administration, U.S. Department of Commerce.

This special census of manufactures report classifies establishments according to the industry of the establishment and the ratio of payroll to value added by manufacture. For the various ratio classes shown, the report includes data for total employment and payrolls; production worker employment, man-hours, and wages; value of shipments; value added; cost of materials; and capital expenditures. Comparable data for 1958 are provided except where there were significant revisions to the Standard Industrial Classification (SIC) between 1958 and 1963. The composition of industries in the 1963 SIC compared to 1958 is presented in appendix C of the 1963 Census of Manufactures volumes.

The ratio of payroll to value added differs substantially among plants in a specific industry. Some of these differences reflect differing scales of operation and the amount of capital used and thus will vary by size of establishment. In addition, the following points must be noted in using these ratio classes to study differences in such operating relationships as shipments or value added per employee, production workers as percent of total employment, capital expenditures per establishment, and the like.

The Standard Industrial Classification system does not always bring together a group of homogeneous plants into an industry. While an industry is usually defined in terms of a group of products, plants often specialize in one line of products. Moreover, within an industry there are plants which have different degrees of vertical integration with resultant differences in capital and labor inputs and value of outputs. These differences can produce very significant differences in payroll to value added ratios. Some insight into the product homogeneity of an industry may be obtained from table 5, "Industry-Product Analysis," and table 8, "General Statistics for Establishments by Industry Specialization and Primary Product Specialization," in the Industry Chapters of the Census of Manufactures, Volume II, although these tables do not generally provide information regarding vertical integration within plants.

There are wide differences in total employment and the relationship of production workers to total employment among operating plants in the same industry because of the amount of related activity carried on at the particular plant (e.g., administration, management, accounting, research and development, maintenance,

sales and other marketing functions). The larger multiunit companies are tending to remove some of these functions from the plant site and to centralize them at a single nonmanufacturing location serving many plants and thus may have a smaller proportion of "other employment" at the plant in comparison to output than smaller companies, especially single establishment companies. The information on general statistics for establishments of multiunit companies and single-unit companies appearing in Volume I, Chapter 3, "Type of Organization," will be helpful in assessing the impact of such differences on the aggregate payroll/value added ratio. There is also a growing tendency for companies, including single-unit companies, to contract out many of these activities rather than perform them themselves.

The Census payroll figure excludes employers' contributions to Social Security and other legally required and voluntary or union negotiated supplements. Since there are differences between companies in the cost of nonpayroll types of fringe benefits (contributions to pensions, health insurance, stock purchase programs, etc.), the payroll/value added ratio does not completely reflect all labor costs for an establishment. Another omission is that for the very small (unincorporated) establishments in an industry the labor contribution of working proprietors or partners is not included. All of these factors will create variations in payroll among plants which may have the same level of technology and relatively the same value added.

In the 1958 census, for some of the very small plants for which data were estimated, the cost of materials was understated and thus the value added overstated. While the estimates had no significant effect on the published aggregates (such establishments accounted for a fraction of 1 percent of the manufacturing activity), the establishments involved would have low payroll to value added ratios. This is pointed out in the footnotes stating that both the very low and very high ratios were suspect and therefore are not shown.

The "Introduction" to the final volumes of the Census of Manufactures treats at greater length many of the subjects described in this introduction. For example, the volume text discusses the relationship of value added by manufacture to national income by industrial origin; the changes in statistical concepts over the history of the census; the valuation problems arising from intra-company transfers between manufacturing plants of a company and between manufacturing plants and sales offices and sales branches of a company.

The 1963 census is the 27th census of manufactures of the United States. Present legislation (Title 13, U.S. Code) provides for a census of manufactures every 5 years, with annual sample surveys authorized for interim years. Such "Annual Surveys of Manufactures" were taken during the years 1949 through 1953, 1955 through 1957, 1959 through 1962, and 1964 through 1966. Recent amendments to the legislation stipulate that the census be conducted covering years ending in "2" and "7."

SCOPE OF CENSUS OF MANUFACTURES: DEFINITION OF MANUFACTURING INDUSTRIES--The 1963 Census of Manufactures covers all establishments primarily engaged in manufacturing as defined in the 1957 edition of the Standard Industrial Classification (SIC) Manual, as amended to date. The system of industrial classification was developed over a period of years by experts on classification in government and private industry under the guidance of the Bureau of the Budget. This system of classification is in general use among government agencies and also outside the government. In 1957 the system was extensively revised and historical comparability of some data seriously affected. This revision and its effects on census series are discussed at length in the introduction and appendixes to the 1958 census volumes.

The Standard Industrial Classification Manual defines manufacturing as the mechanical or chemical transformation of inorganic or organic substances into new products. The assembly of component parts of products is also considered to be manufacturing if the resulting product is neither a structure nor other fixed improvement. These activities are usually carried on in plants, factories, or mills, which characteristically use power-driven machines and materials-handling equipment.

Manufacturing production is usually carried on for the wholesale market, for transfers to other plants of the same company, or to the order of industrial users rather than for direct sale to the household consumer. Some manufacturers in a few industries sell chiefly at retail to household consumers through the mail, through house-to-house routes, or through salesmen. Some activities of a service nature (enameling, engraving, etc.) are included in manufacturing when they are performed primarily for the trade; but they are considered non-manufacturing when they are performed primarily to the order of the household consumer.

ESTABLISHMENT BASIS OF REPORTING--The census of manufactures is conducted on an establishment basis. That is, a company operating establishments at more than one location is required to submit a report for each location; also, companies engaged in distinctly different lines of activity at one location are required to submit separate reports if the plant records permit such a separation and if the activities are substantial in size.

Census tabulations of establishment reports, therefore, differ substantially from those prepared on a company basis; i.e., from consolidated reports which not only combine activities at different locations (thereby eliminating interplant transfers) but also include the nonmanufacturing activities of companies primarily engaged in manufacturing.

In 1963, as in earlier years, a minimum size limit was set for including establishments in the census. Reports were required from all establishments employing one or more persons at any time during the census year. The same size limitation has applied since 1947 in censuses and annual surveys of manufactures. In the 1939 and earlier censuses, establishments with less than \$5,000 value of products were excluded. The change in the minimum size limit in 1947 does not appreciably affect the historical comparability of the census figures except for data on number of establishments for a few industries.

INDUSTRY CLASSIFICATION OF ESTABLISHMENTS--Each of the establishments covered in the census was classified in one of approximately 425 manufacturing industries in accordance with the industry definitions embodied in the Standard Industrial Classification (SIC) system. Under this system of classification, an industry is generally defined as a group of establishments producing a single product or more or less closely related group of products. The product groupings from which industry classifications are derived are based on such considerations as whether they are typically produced by the same establishment, similarity of manufacturing processes, types of material used, types of customers, and the like. The resulting group of plants must be significant in terms of their number, value added by manufacturing, value of shipments, and number of employees. The application of these criteria has led to the establishment of 425 manufacturing industries. The system operates in such a way that the definitions become progressively narrower with successive additions of numerical digits. At one extreme are the 21 very broad 2-digit groups and at the other about 10,000 individual 7-digit products. In between are approximately 150 3-digit groups, 425 4-digit industries, and 1,100 5-digit product classes. The 7-digit products and 5-digit product classes are considered the primary products of the industry with the same first four digits. Accordingly, an establishment is classified in a particular industry if its production of the primary products of that industry exceeds in value its production of products of any other single industry. In a few instances, however, the industry classification of an establishment is determined not only by the products it makes but also by the processes employed in making those products.

While some establishments produce only the primary products of the industry in which they are classified, it rarely happens that all the establishments in an industry specialize to this extent. The general statistics (employment, inventories, value added by manufacture, total value of shipments including resales and miscellaneous receipts, etc.) shown for an industry, therefore, reflect not only the primary activities of the establishments in that industry but also their activities of a secondary nature.

However, in many industries establishments making products falling into the same industry category may use a variety of processes and materials to produce them. Also, establishments which are highly integrated and those which put only the finishing touches on an already highly fabricated item may be included within the same industry classification based on end products. For example, in the refrigeration industry, there are instances of almost complete integration in which the production of the compressor and condensing unit, electric motor, and even the castings for those intermediate products, as well as the stamping of the case and the final assembly are all carried on at one plant. On the other hand, the condensing unit, the motor and the case may be purchased and merely assembled into the finished product. In some instances, separate industry categories have been established for integrated and nonintegrated establishments.

THE CENSUS REPORT FORMS--The 1963 Census of Manufactures, similar to all those since 1947, was completely a mail canvass. The diversity of manufacturing activities made it necessary to use over 200

different report forms to canvass the approximately 425 manufacturing industries. However, "standard" forms requiring full census detail were sent only to those manufacturing plants above a given size in terms of number of employees. In order to minimize the cost and reporting burden for the numerous smaller establishments which typically have less detailed records and represent a very minor portion of manufacturing output and employment, special short forms were developed. The data requirements for small establishments were limited to a few key items on employment, payroll, total cost of materials, and a preprinted list of product class items in the shipments inquiry. In only a few industries did these small plants account for a substantial portion of the industry's total output in the aggregate. In these industries, modified short forms were used which requested shipments data for specified 7-digit products. While the size cutoffs for short forms varied according to the industry, they ranged from less than 4 to less than 10 employees.

From the administrative records of the Social Security Administration and existing Bureau of the Census records, it was possible to determine correctly, in most cases, the type of form each manufacturing establishment should receive.

CONFIDENTIALITY OF DATA FOR INDIVIDUAL COMPANIES--The Bureau of the Census is prohibited by

law from publishing any statistics that disclose information reported by individual companies. In suppressing figures to avoid disclosing information of individual companies, geographic region and division totals are given precedence over individual States; States are given precedence over standard metropolitan statistical areas; standard metropolitan statistical areas over counties; and counties over cities. In tables showing industry detail, major industry group (2-digit) totals take precedence over industry group (3-digit) totals which, in turn, take precedence over individual (4-digit) industries.

ABBREVIATIONS--The following abbreviations and symbols occur frequently, both in the census tables and footnotes:

-	zero
X	not applicable
NA	not available
D	withheld to avoid disclosing figures for individual companies
n.e.c.	not elsewhere classified
n.s.k.	not specified by kind
SIC	Standard Industrial Classification

Other abbreviations are used in the customary sense.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2011.--MEAT SLAUGHTERING PLANTS										
Total.....	2,992	180,873	1,146,947	138,356	289,294	847,025	1,908,309	12,435,454	10,530,861	80,235
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	191	2,292	10,499	1,884	4,215	8,249	68,729	188,794	120,654	1,306
.20 to .29.....	224	4,112	22,384	3,310	6,587	17,536	88,228	574,084	485,663	1,919
.30 to .39.....	243	7,653	40,861	5,841	12,732	29,196	115,167	663,358	547,054	4,702
.40 to .49.....	548	24,525	145,604	18,659	40,341	103,251	319,929	1,858,285	1,545,245	16,949
.50 to .59.....	364	36,889	237,589	28,151	60,909	175,441	441,119	2,531,972	2,096,109	15,858
.60 to .69.....	264	27,782	183,144	21,069	42,430	133,125	282,883	1,753,123	1,475,067	10,941
.70 to .79.....	177	26,008	175,705	19,792	41,929	130,816	236,177	1,670,905	1,431,706	7,922
.80 to .89.....	107	18,941	123,976	14,453	28,961	92,063	148,390	1,173,159	1,021,822	4,296
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2013.--MEAT PROCESSING PLANTS										
Total.....	1,341	48,599	289,405	36,351	75,964	195,232	563,362	2,130,275	1,568,663	21,425
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	60	1,474	8,068	1,141	2,415	5,894	47,706	115,913	68,880	679
.20 to .29.....	110	1,760	8,376	1,426	2,982	6,233	33,003	87,176	54,510	640
.30 to .39.....	126	3,910	22,158	2,852	5,737	14,533	62,783	179,164	117,794	2,278
.40 to .49.....	151	7,280	43,293	5,492	11,744	29,863	97,704	330,033	232,607	5,058
.50 to .59.....	237	13,641	87,301	10,275	21,871	58,175	159,808	625,746	468,018	5,186
.60 to .69.....	241	8,454	51,394	6,073	12,715	33,570	80,377	336,826	255,977	2,836
.70 to .79.....	89	4,607	25,658	3,532	7,013	18,309	34,358	158,478	123,901	1,203
.80 to .89.....	57	2,758	16,006	2,070	4,566	10,570	19,078	124,581	105,185	775
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2015.--POULTRY DRESSING PLANTS										
Total.....	967	70,104	204,400	63,817	120,167	169,920	410,909	2,240,871	1,840,801	34,306
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	54	1,504	3,682	1,376	2,301	3,079	24,564	62,362	38,677	725
.20 to .29.....	75	4,155	10,879	3,898	6,490	9,341	42,674	157,314	118,623	1,514
.30 to .39.....	186	9,055	25,397	8,147	15,509	20,949	72,980	325,133	256,882	5,275
.40 to .49.....	123	10,595	31,655	9,611	18,076	25,674	70,521	367,731	300,541	3,691
.50 to .59.....	150	13,734	38,598	12,493	22,881	31,953	69,581	427,552	357,931	8,404
.60 to .69.....	106	12,221	37,190	11,186	22,777	31,053	57,628	388,436	332,143	4,059
.70 to .79.....	53	6,738	20,844	6,081	11,475	17,426	27,730	179,498	151,277	1,934
.80 to .89.....	39	4,110	12,583	3,776	7,443	10,780	14,798	109,008	93,931	907
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2021.--CREAMERY BUTTER										
Total.....	766	11,992	52,870	8,607	19,471	36,959	132,665	988,777	854,599	9,930
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	53	795	3,510	609	1,311	2,520	24,940	98,836	73,904	565
.20 to .29.....	61	922	4,252	709	1,594	3,229	17,790	100,222	82,418	552
.30 to .39.....	107	1,522	6,216	1,143	2,627	4,575	18,407	133,520	115,214	1,442
.40 to .49.....	101	2,453	10,564	1,707	3,703	7,025	23,496	189,691	165,827	1,832
.50 to .59.....	90	1,730	8,361	1,213	2,820	5,809	15,295	157,567	142,258	1,633
.60 to .69.....	55	1,123	5,150	765	1,697	3,372	7,914	78,284	70,100	722
.70 to .79.....	44	932	4,102	600	1,316	2,413	5,483	63,836	58,183	581
.80 to .89.....	30	391	1,770	276	711	1,293	2,063	24,601	22,467	550
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2022.--NATURAL AND PROCESS CHEESE										
Total.....	1,138	17,956	78,684	14,893	31,082	61,836	179,750	1,170,836	995,252	15,866
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	78	652	2,343	487	972	1,684	15,412	47,362	32,814	598
.20 to .29.....	99	1,725	7,183	1,464	3,112	5,909	30,444	153,751	123,873	2,281
.30 to .39.....	121	1,838	8,216	1,561	3,353	6,849	23,385	118,090	96,424	2,073
.40 to .49.....	159	3,636	16,050	2,966	6,048	11,890	35,292	240,891	206,907	2,595
.50 to .59.....	198	3,378	15,691	2,772	5,869	12,151	28,762	235,331	209,135	2,306
.60 to .69.....	101	2,316	9,775	1,918	3,962	7,674	14,976	116,190	101,028	1,476
.70 to .79.....	46	914	4,068	781	1,695	3,200	5,486	51,625	45,817	480
.80 to .89.....	42	844	3,871	704	1,421	2,965	4,534	38,629	34,083	545
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture

1958

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
	INDUSTRY 2011.--MEAT SLAUGHTERING PLANTS									
Total.....	2,810	201,019	1,068,766	150,936	309,314	768,616	1,749,291	11,972,464	10,251,144	65,860
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	229	1,829	7,257	1,491	2,852	5,735	46,652	141,244	94,592	1,640
.20 to .29.....	236	3,550	15,250	2,839	5,737	11,014	61,678	305,577	243,899	2,736
.30 to .39.....	236	6,848	33,031	5,277	10,736	23,648	92,576	690,603	598,027	2,922
.40 to .49.....	257	16,858	87,621	12,851	26,388	63,111	193,775	1,235,037	1,041,262	6,722
.50 to .59.....	330	33,445	176,084	25,456	54,141	125,327	321,034	2,010,683	1,689,649	12,053
.60 to .69.....	301	50,859	275,241	38,066	76,472	199,612	425,737	2,817,316	2,391,579	14,374
.70 to .79.....	194	39,812	217,492	29,202	59,771	155,920	292,674	2,053,243	1,760,569	7,372
.80 to .89.....	112	19,770	113,577	14,604	30,584	81,764	134,905	1,063,783	928,878	5,861
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	INDUSTRY 2013.--MEAT PROCESSING PLANTS									
Total.....	1,494	48,586	236,915	36,460	74,096	161,807	442,058	2,066,257	1,624,199	17,237
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	98	945	3,512	743	1,372	2,476	23,456	49,127	25,671	495
.20 to .29.....	125	2,206	10,104	1,648	3,430	7,219	39,664	123,272	85,608	1,038
.30 to .39.....	123	3,357	15,636	2,574	5,162	10,603	44,128	160,677	116,549	1,953
.40 to .49.....	169	6,589	31,577	4,990	10,260	22,718	69,509	325,715	256,206	3,606
.50 to .59.....	197	10,700	53,663	8,140	16,736	37,566	96,669	494,768	398,099	3,575
.60 to .69.....	206	9,550	49,054	7,047	14,491	32,170	75,925	370,309	294,384	2,515
.70 to .79.....	132	6,691	32,436	5,157	10,472	21,943	43,548	227,743	184,195	950
.80 to .89.....	63	2,218	11,161	1,557	3,090	7,212	13,036	89,532	76,496	605
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	INDUSTRY 2015.--POULTRY DRESSING PLANTS									
Total.....	1,233	62,389	160,813	56,143	104,188	131,985	310,572	1,888,166	1,577,594	28,079
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	78	1,767	3,748	1,582	2,684	3,025	23,744	63,715	39,971	694
.20 to .29.....	76	2,932	6,427	2,657	4,361	5,197	26,481	117,988	91,507	1,964
.30 to .39.....	139	7,575	19,070	6,900	12,970	15,718	53,963	244,470	190,507	3,792
.40 to .49.....	162	10,197	26,951	9,174	17,422	22,161	59,759	350,641	290,882	4,801
.50 to .59.....	156	11,219	29,167	10,147	18,828	24,168	53,356	344,132	290,776	3,917
.60 to .69.....	114	8,073	21,197	7,331	13,502	17,650	32,636	250,037	217,401	2,652
.70 to .79.....	87	6,621	17,870	5,917	11,307	14,478	24,122	158,910	134,788	1,213
.80 to .89.....	56	3,796	10,605	3,328	6,086	8,353	12,596	87,324	74,728	1,615
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	INDUSTRY 2021.--CREAMERY BUTTER									
Total.....	1,058	17,295	62,895	12,294	25,561	42,314	147,207	1,023,460	876,253	17,094
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	66	901	2,909	650	1,277	2,018	18,979	59,447	40,468	872
.20 to .29.....	88	1,202	4,223	877	1,967	3,002	17,129	83,779	66,650	1,098
.30 to .39.....	97	2,276	8,270	1,599	3,326	5,343	23,537	138,744	115,207	2,292
.40 to .49.....	132	2,520	9,414	1,825	3,843	6,435	21,350	160,890	139,540	2,018
.50 to .59.....	130	3,307	12,658	2,260	4,667	8,302	23,294	190,363	167,069	3,875
.60 to .69.....	86	1,857	6,986	1,284	2,708	4,479	10,698	106,862	96,164	1,818
.70 to .79.....	71	1,163	4,293	701	1,422	2,305	5,684	68,339	62,655	745
.80 to .89.....	68	840	2,941	673	1,291	2,228	3,494	44,337	40,843	253
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	INDUSTRIES 2022 AND 2025.--NATURAL AND PROCESS CHEESE									
Total.....	1,310	17,032	62,989	14,120	28,485	49,838	133,021	873,614	743,650	13,739
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	84	638	2,272	546	1,096	1,874	13,444	55,133	41,689	3,288
.20 to .29.....	107	1,306	4,374	1,067	2,110	3,372	17,900	67,554	49,654	658
.30 to .39.....	145	1,513	5,329	1,269	2,551	4,229	14,956	79,786	64,830	1,151
.40 to .49.....	106	2,051	7,552	1,660	3,421	5,803	16,715	92,018	75,303	929
.50 to .59.....	139	2,926	10,784	2,433	4,899	8,438	19,725	134,487	114,762	1,334
.60 to .69.....	117	2,309	9,467	1,957	4,019	7,623	14,851	136,934	122,083	1,854
.70 to .79.....	69	1,026	3,910	845	1,757	3,002	5,335	41,611	36,276	471
.80 to .89.....	58	1,444	6,172	1,218	2,636	4,961	7,150	100,359	93,209	540
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2023.--CONDENSED AND EVAPORATED MILK										
Total.....	281	12,255	66,990	9,533	20,068	50,413	236,250	937,925	699,352	12,113
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	26	1,652	8,522	1,326	2,775	6,746	56,218	159,100	102,595	1,061
.20 to .29.....	61	2,732	15,250	2,205	4,649	11,703	63,181	225,849	162,778	2,537
.30 to .39.....	47	2,412	12,594	1,934	4,020	9,765	35,808	163,427	126,711	1,130
.40 to .49.....	32	1,169	6,400	847	1,839	4,613	14,143	78,479	64,865	1,143
.50 to .59.....	28	1,111	6,542	757	1,725	4,391	12,059	78,851	66,216	1,183
.60 to .69.....	18	543	3,505	398	864	2,419	5,494	30,559	24,890	851
.70 to .79.....	21	448	2,428	354	682	1,732	2,935	31,028	28,056	359
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2024.--ICE CREAM AND FROZEN DESSERTS										
Total.....	1,081	29,143	158,257	15,585	32,495	76,557	433,006	1,076,479	644,630	31,915
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	87	2,124	11,216	1,486	3,023	7,102	71,862	153,421	81,349	1,867
.20 to .29.....	136	3,290	17,376	1,818	3,871	8,642	70,366	161,276	91,042	2,292
.30 to .39.....	131	5,401	32,612	2,513	5,278	12,428	92,121	218,813	127,044	5,456
.40 to .49.....	258	6,765	36,989	3,653	7,788	18,269	83,544	216,588	133,904	8,988
.50 to .59.....	142	4,566	25,696	2,365	4,806	12,021	46,974	131,815	84,913	4,354
.60 to .69.....	73	3,243	20,161	1,713	3,597	9,345	31,371	97,418	65,927	2,314
.70 to .79.....	41	925	5,176	481	1,017	2,551	6,952	23,870	16,828	616
.80 to .89.....	29	462	2,281	266	499	1,102	2,767	10,051	7,290	229
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2026.--FLUID MILK										
Total.....	4,619	185,050	1,032,879	68,577	147,142	358,770	2,203,196	7,025,892	4,821,672	126,147
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	238	4,879	23,863	2,555	7,234	12,871	148,943	355,262	206,446	6,450
.20 to .29.....	351	12,242	63,807	5,549	12,258	27,934	252,982	762,987	509,502	10,222
.30 to .39.....	452	21,056	121,894	8,317	18,026	45,744	352,275	1,014,723	662,290	17,037
.40 to .49.....	631	35,540	194,675	12,045	26,467	62,885	436,014	1,390,143	954,495	22,761
.50 to .59.....	724	43,477	251,555	14,434	31,380	77,632	457,568	1,428,122	970,228	24,433
.60 to .69.....	1,006	34,557	190,707	12,660	26,390	62,520	295,934	1,011,406	715,447	21,666
.70 to .79.....	290	12,059	69,289	4,118	8,606	22,846	93,030	334,934	242,026	5,504
.80 to .89.....	185	7,826	43,464	2,983	6,244	15,392	51,408	219,192	167,760	3,692
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2031.--CANNED AND CURED SEAFOODS ⁴										
Total.....	405	17,271	66,231	15,453	25,522	52,609	174,634	452,454	277,754	6,296
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	27	1,385	5,384	1,304	2,295	4,704	36,063	68,449	32,251	253
.20 to .29.....	33	957	3,759	872	1,507	3,230	15,541	36,044	20,472	888
.30 to .39.....	81	4,467	18,027	3,826	5,737	12,749	51,606	141,992	90,384	1,084
.40 to .49.....	53	3,549	15,023	3,237	5,699	12,406	33,975	92,546	58,677	838
.50 to .59.....	58	1,991	6,822	1,774	2,924	5,478	12,640	35,600	22,974	508
.60 to .69.....	45	1,636	5,898	1,477	2,249	4,707	9,095	27,031	17,960	435
.70 to .79.....	25	766	2,494	691	1,168	2,103	3,337	8,914	5,567	196
.80 to .89.....	21	825	3,091	710	1,149	2,291	3,606	15,711	12,071	239
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2032.--CANNED SPECIALTIES ⁴										
Total.....	173	25,156	127,168	20,378	40,691	92,340	540,835	1,169,299	627,494	25,582
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	12	6,035	28,118	5,226	10,006	23,117	190,454	374,456	184,277	3,948
.20 to .29.....	33	8,773	47,508	6,948	13,727	33,963	193,676	420,647	226,125	5,576
.30 to .39.....	39	5,618	30,728	4,493	9,177	22,002	96,996	214,664	117,638	3,426
.40 to .49.....	18	1,527	6,737	1,260	2,435	4,642	15,409	49,522	34,003	695
.50 to .59.....	41	2,617	10,653	2,122	4,743	7,264	17,148	61,609	44,430	767
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	41	2,617	10,653	2,122	4,743	7,264	17,148	61,609	44,430	767
.90 and above.....										

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
	INDUSTRY 2023.--CONDENSED AND EVAPORATED MILK										
Total.....	313	13,445	61,443	10,758	23,237	46,547	202,709	820,649	617,940	12,746	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	47	1,996	9,362	1,703	3,910	7,766	63,823	183,639	119,816	1,594	
.20 to .29.....	56	3,401	15,423	2,785	5,854	12,084	62,709	218,217	155,508	2,877	
.30 to .39.....	39	1,615	7,443	1,283	2,730	5,525	22,211	90,580	68,369	1,695	
.40 to .49.....	42	1,714	8,079	1,319	2,966	5,784	17,725	91,960	74,235	2,045	
.50 to .59.....	34	1,754	8,370	1,335	2,866	5,781	14,972	92,532	77,560	841	
.60 to .69.....	20	940	4,103	717	1,504	3,020	6,523	39,921	33,398	1,451	
.70 to .79.....	19	438	2,091	322	700	1,481	2,825	20,152	17,327	225	
.80 to .89.....	10	141	650	118	248	517	775	7,319	79,319	107	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
	INDUSTRY 2024.--ICE CREAM AND FROZEN DESSERTS										
Total.....	1,390	34,795	153,950	18,673	37,673	72,442	394,686	951,499	557,286	26,150	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	85	1,668	6,754	1,073	2,315	4,114	41,850	85,702	43,852	1,788	
.20 to .29.....	129	5,365	22,388	2,865	5,870	10,955	90,113	184,905	94,792	3,955	
.30 to .39.....	206	6,695	31,658	3,485	7,218	14,134	89,227	207,632	118,405	5,740	
.40 to .49.....	190	6,211	29,283	3,104	6,159	12,660	65,052	162,556	97,504	5,184	
.50 to .59.....	206	6,416	30,201	3,244	6,417	12,930	56,000	152,372	96,372	3,699	
.60 to .69.....	128	2,833	12,831	1,471	3,046	6,246	20,180	54,262	34,082	1,393	
.70 to .79.....	64	1,335	5,500	760	1,595	2,951	7,453	25,284	17,831	1,556	
.80 to .89.....	44	1,242	5,262	684	1,354	2,377	6,329	21,658	15,329	786	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
	INDUSTRY 2026.--FLUID MILK										
Total.....	5,828	212,238	1,009,638	86,279	182,316	369,306	1,998,490	6,412,333	4,413,843	135,701	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	334	3,780	14,948	2,572	5,036	9,926	99,376	245,634	146,258	4,098	
.20 to .29.....	455	11,473	47,834	6,085	12,677	25,347	192,281	525,553	333,272	10,736	
.30 to .39.....	615	21,506	100,485	9,643	20,379	41,098	284,297	886,372	602,075	15,346	
.40 to .49.....	811	35,414	166,116	13,527	29,059	57,601	368,660	1,082,668	714,008	28,530	
.50 to .59.....	940	49,319	241,889	17,114	37,032	74,973	439,516	1,319,738	880,222	30,419	
.60 to .69.....	615	38,794	198,312	13,942	29,690	63,906	309,038	1,003,145	694,107	18,698	
.70 to .79.....	382	20,627	104,702	7,978	16,732	35,362	140,614	489,408	348,794	8,628	
.80 to .89.....	191	6,424	29,601	2,702	5,837	10,614	35,136	138,859	103,723	3,011	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
	INDUSTRY 2031.--CANNED AND CURED SEAFOODS ⁴										
Total.....	333	14,713	46,129	13,254	21,077	37,416	100,167	325,088	220,920	2,524	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	18	628	1,548	602	936	1,494	10,000	20,920	10,920	44	
.20 to .29.....	30	582	2,108	494	807	1,549	8,253	20,903	12,650	255	
.30 to .39.....	43	3,582	12,684	3,271	5,275	10,264	33,425	97,095	63,670	831	
.40 to .49.....	48	2,725	9,054	2,574	4,390	8,164	19,680	61,735	42,055	412	
.50 to .59.....	44	1,452	3,842	1,268	1,886	2,791	6,913	23,801	16,888	216	
.60 to .69.....	37	1,992	7,193	1,687	2,798	5,271	11,372	45,950	34,578	247	
.70 to .79.....	23	1,423	3,796	1,256	1,973	3,009	5,124	21,563	16,439	224	
.80 to .89.....	15	678	1,675	642	1,118	1,497	1,982	6,565	4,583	94	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
	INDUSTRY 2032.--CANNED SPECIALTIES ⁴										
Total.....	107	24,186	109,479	19,496	41,562	81,397	340,847	847,858	507,011	16,492	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	24	6,961	29,882	5,673	11,856	22,469	139,606	315,566	175,960	6,746
.20 to .29.....		21	10,942	56,985	8,511	18,951	41,281	163,368	393,932	230,564	7,293
.30 to .39.....		12	2,518	10,095	2,209	4,261	8,359	20,980	60,668	39,688	1,336
.40 to .49.....		10	229	693	193	376	573	1,217	3,714	2,497	104
.50 to .59.....	}	10	992	3,326	862	1,735	2,559	5,219	21,932	16,713	205
.60 to .69.....		14	1,919	6,347	1,558	3,366	4,457	8,413	37,564	29,151	337
.70 to .79.....		14	1,919	6,347	1,558	3,366	4,457	8,413	37,564	29,151	337
.80 to .89.....		14	1,919	6,347	1,558	3,366	4,457	8,413	37,564	29,151	337
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2033.--CANNED FRUITS AND VEGETABLES ⁴										
Total.....	1,430	102,388	382,057	90,749	169,188	303,485	1,029,467	2,742,787	1,707,279	66,574
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	109	6,082	21,174	5,468	10,422	17,403	136,471	289,586	152,813	5,028
.20 to .29.....	173	16,782	66,049	14,977	28,143	53,799	259,297	586,652	325,236	17,602
.30 to .39.....	213	25,456	98,961	23,108	42,335	81,177	281,300	719,955	438,195	15,615
.40 to .49.....	310	18,375	64,764	16,337	31,463	52,007	145,928	414,390	268,527	8,898
.50 to .59.....	178	14,275	52,098	12,448	22,470	39,667	96,055	293,904	197,432	4,738
.60 to .69.....	108	7,511	30,122	6,327	11,954	22,577	46,260	165,860	119,637	4,306
.70 to .79.....	69	4,830	17,220	4,193	7,826	13,134	23,128	88,445	65,657	1,943
.80 to .89.....	30	1,713	5,882	1,479	3,118	4,343	6,806	28,297	21,125	678
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2034.--DEHYDRATED FOODS PRODUCTS										
Total.....	176	9,152	41,650	7,843	15,333	31,243	115,795	318,660	208,934	16,199
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	13	785	3,607	686	1,304	2,760	24,677	46,909	22,927	792
.20 to .29.....	32	1,310	5,777	1,145	2,281	4,669	24,913	64,457	41,346	1,734
.30 to .39.....	25	1,609	7,833	1,371	2,651	5,455	22,381	48,186	26,645	2,712
.40 to .49.....	23	1,975	9,532	1,650	3,117	6,896	21,580	48,177	29,788	2,847
.50 to .59.....	25	1,743	7,859	1,495	2,916	6,096	14,143	65,749	52,960	6,448
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	20	848	3,433	716	1,456	2,390	4,273	16,915	13,929	298
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2035.--PICKLES, SAUCES, SALAD DRESSINGS ⁴										
Total.....	588	19,041	83,713	15,426	29,891	58,295	249,397	677,268	427,641	10,967
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	36	1,725	10,346	1,410	2,904	7,904	69,606	155,608	85,998	1,363
.20 to .29.....	64	3,004	12,065	2,523	4,800	8,822	48,527	100,255	52,242	1,161
.30 to .39.....	130	2,956	11,788	2,371	4,419	8,294	35,060	92,416	57,367	1,035
.40 to .49.....	91	2,834	11,722	2,241	4,600	7,336	26,041	72,101	46,418	1,167
.50 to .59.....	70	2,583	11,693	2,032	4,153	7,629	20,841	72,773	51,902	889
.60 to .69.....	40	2,148	10,317	1,720	3,348	6,615	16,154	65,222	48,578	3,250
.70 to .79.....	24	1,509	5,986	1,282	2,223	4,860	8,121	43,007	34,844	483
.80 to .89.....	14	199	852	133	259	444	999	3,665	2,644	109
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2036.--FRESH OR FROZEN PACKAGED FISH ⁴										
Total.....	547	20,066	56,471	17,936	32,147	44,619	118,451	391,174	272,746	6,095
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	31	514	1,661	409	775	1,011	10,308	24,685	14,320	338
.20 to .29.....	37	1,164	3,794	1,010	1,775	2,499	15,274	47,881	32,644	338
.30 to .39.....	121	4,024	9,197	3,551	6,621	7,509	27,432	79,183	51,756	1,741
.40 to .49.....	45	2,519	6,639	2,335	4,649	5,452	14,455	49,357	34,901	645
.50 to .59.....	61	2,763	9,922	2,438	4,493	7,413	17,683	68,317	50,658	619
.60 to .69.....	56	2,990	8,265	2,709	4,426	6,494	12,741	53,607	40,862	696
.70 to .79.....	51	2,078	6,460	1,899	3,135	5,628	8,593	26,530	17,945	692
.80 to .89.....	30	1,123	3,092	1,023	1,737	2,615	3,683	14,155	10,483	314
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2037.--FROZEN FRUITS AND VEGETABLES ⁴										
Total.....	650	51,750	202,398	44,689	86,664	154,406	550,231	1,548,663	999,531	44,569
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	44	4,929	19,960	4,063	8,306	14,919	119,513	296,495	177,309	5,397
.20 to .29.....	84	6,882	28,508	5,745	11,908	20,562	116,428	279,006	163,785	6,556
.30 to .39.....	125	9,727	38,774	8,369	16,100	29,318	109,946	285,896	175,767	5,465
.40 to .49.....	98	10,089	38,733	8,861	16,837	30,266	86,224	254,587	168,198	4,271
.50 to .59.....	78	8,738	33,706	7,617	14,772	26,378	62,169	224,141	161,860	5,063
.60 to .69.....	67	4,155	17,073	3,643	7,385	13,111	26,658	91,786	65,052	2,198
.70 to .79.....	31	1,909	5,986	1,707	3,120	4,628	8,038	26,040	18,260	530
.80 to .89.....	16	1,114	5,042	925	1,897	3,700	6,071	24,352	18,226	381
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
	INDUSTRY 2033.--CANNED FRUITS AND VEGETABLES ⁴										
Total.....	1,607	100,084	319,694	88,091	168,480	252,711	808,306	2,227,041	1,418,735	40,131	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	67	4,310	14,837	3,864	7,642	12,823	89,266	201,569	112,303	2,240	
.20 to .29.....	180	14,451	52,032	12,960	25,395	42,842	206,078	486,769	280,691	7,574	
.30 to .39.....	241	22,625	67,659	20,194	36,114	54,274	194,010	497,349	303,339	7,781	
.40 to .49.....	222	17,023	56,416	14,913	29,418	43,966	126,408	358,351	231,943	6,648	
.50 to .59.....	207	12,162	41,593	10,355	20,614	30,836	75,805	231,198	155,393	4,133	
.60 to .69.....	153	10,793	36,317	9,426	19,184	28,619	56,466	196,524	140,058	3,145	
.70 to .79.....	102	5,403	14,911	4,817	9,088	11,656	20,061	69,622	49,561	3,444	
.80 to .89.....	73	3,043	8,613	2,709	5,039	6,952	10,049	37,542	27,493	908	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
	INDUSTRY 2034.--DEHYDRATED FOODS PRODUCTS										
Total.....	161	7,599	28,338	6,638	12,781	21,791	75,529	273,286	197,757	6,686	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	14	544	1,963	480	953	1,593	13,558	38,965	25,407	337	
.20 to .29.....	27	1,231	4,176	1,124	2,240	3,696	17,098	55,890	38,792	1,081	
.30 to .39.....	21	1,060	4,301	960	1,906	3,308	11,676	37,448	25,772	718	
.40 to .49.....	23	1,544	5,535	1,335	2,458	4,152	12,394	34,841	22,447	1,471	
.50 to .59.....	18	409	1,796	367	877	1,504	3,247	8,852	5,605	1,131	
.60 to .69.....	11	400	1,439	353	693	1,103	2,217	8,291	6,074	217	
.70 to .79.....	}	15	1,187	4,670	995	1,780	3,287	6,404	37,642	31,238	304
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
	INDUSTRY 2035.--PICKLES, SAUCES, SALAD DRESSINGS ⁴										
Total.....	619	19,500	70,494	15,623	29,792	48,511	164,624	525,309	361,454	11,197	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	51	911	3,742	773	1,491	2,982	25,409	53,129	27,720	1,752	
.20 to .29.....	62	1,958	7,675	1,541	2,764	5,442	33,341	94,212	60,871	1,319	
.30 to .39.....	79	2,400	8,239	1,917	3,699	5,476	22,978	61,226	38,248	912	
.40 to .49.....	61	3,893	13,321	2,928	5,506	8,670	29,696	85,968	56,272	2,977	
.50 to .59.....	72	2,489	9,042	1,990	3,906	5,945	16,637	54,501	37,864	872	
.60 to .69.....	55	2,716	10,220	2,288	4,478	7,395	15,898	68,235	52,337	1,121	
.70 to .79.....	31	1,468	5,431	1,301	2,627	4,099	7,331	32,939	25,608	559	
.80 to .89.....	27	1,348	4,762	1,011	1,866	2,602	5,735	17,087	11,352	321	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
	INDUSTRY 2036.--FRESH OR FROZEN PACKAGED FISH ⁴										
Total.....	446	17,613	41,432	15,580	26,178	32,339	83,504	310,095	226,897	3,673	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	55	964	1,426	852	1,253	1,222	9,157	21,659	12,502	475	
.20 to .29.....	40	1,063	2,324	932	1,637	1,662	9,288	29,498	20,210	273	
.30 to .39.....	44	2,359	5,326	1,984	3,487	3,653	15,193	44,052	28,859	554	
.40 to .49.....	44	2,219	5,608	1,960	3,292	4,377	12,407	49,977	37,570	377	
.50 to .59.....	52	2,154	5,749	1,921	3,224	4,352	10,666	38,753	28,087	430	
.60 to .69.....	51	2,768	7,103	2,448	4,261	5,336	11,330	49,118	37,788	455	
.70 to .79.....	31	1,577	3,985	1,426	2,302	3,384	5,220	21,534	16,314	301	
.80 to .89.....	27	1,414	3,156	1,321	2,250	2,792	3,770	12,049	8,279	221	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
	INDUSTRY 2037.--FROZEN FRUITS AND VEGETABLES ⁴										
Total.....	426	39,528	126,804	34,138	66,278	96,858	323,789	1,025,877	702,088	20,952	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	30	1,904	5,895	1,598	3,043	4,624	39,579	106,984	67,405	2,947	
.20 to .29.....	58	5,874	19,895	4,695	9,479	13,550	78,792	215,849	137,057	3,495	
.30 to .39.....	66	8,797	28,774	7,833	16,007	23,244	85,941	230,271	144,330	3,093	
.40 to .49.....	61	5,969	19,267	5,203	9,797	14,851	44,206	130,832	86,626	3,403	
.50 to .59.....	50	5,554	18,123	4,706	9,350	13,382	32,903	114,360	81,457	1,902	
.60 to .69.....	34	2,705	7,376	2,452	4,228	5,875	11,341	38,545	27,204	870	
.70 to .79.....	25	2,497	6,854	2,228	3,923	5,160	9,108	52,194	43,086	540	
.80 to .89.....	13	957	2,918	849	1,684	2,296	3,416	11,325	7,909	1,121	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2041.--FLOUR MILLS										
Total.....	618	22,405	137,663	16,435	38,422	94,942	373,090	2,176,529	1,804,002	23,485
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	39	1,277	7,795	888	2,133	5,101	47,108	146,474	99,722	1,321
.20 to .29.....	64	4,140	27,146	3,184	7,197	18,998	109,686	462,254	352,631	5,336
.30 to .39.....	140	4,174	25,561	3,183	7,824	18,502	73,782	434,303	362,802	2,981
.40 to .49.....	72	5,242	33,099	3,771	8,485	23,456	74,671	522,288	446,642	6,766
.50 to .59.....	60	2,755	15,019	2,046	4,703	10,537	27,607	219,975	191,564	2,620
.60 to .69.....	44	1,453	9,001	972	2,290	5,553	14,171	112,008	97,877	998
.70 to .79.....	31	1,164	6,923	861	1,994	4,369	9,290	92,549	83,264	546
.80 to .89.....	22	195	798	127	382	456	939	5,727	4,779	61
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2042.--PREPARED ANIMAL FEEDS										
Total.....	2,590	54,649	278,729	34,564	75,669	159,079	983,691	3,880,122	2,903,596	53,394
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	273	8,744	46,354	6,043	12,666	30,305	306,486	985,803	681,275	13,272
.20 to .29.....	423	9,043	46,165	5,964	12,936	27,610	188,874	728,643	542,099	7,615
.30 to .39.....	493	9,965	49,793	6,367	13,711	28,482	144,194	617,716	475,531	8,292
.40 to .49.....	316	9,049	48,058	5,441	12,326	25,364	109,379	541,895	434,122	7,560
.50 to .59.....	260	4,884	25,100	2,911	6,486	12,879	45,522	258,428	212,699	4,348
.60 to .69.....	140	2,698	14,176	1,562	3,620	6,991	22,312	122,574	100,519	2,112
.70 to .79.....	101	1,844	9,750	1,103	2,457	5,255	13,028	72,939	59,720	1,360
.80 to .89.....	63	1,388	6,487	655	1,372	2,737	7,493	46,026	38,437	460
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2043.--CEREAL PREPARATIONS										
Total.....	48	11,358	75,098	9,416	18,829	59,575	365,022	625,058	264,674	15,273
Below .10.....	}	35	10,531	8,911	17,751	56,801	357,166	603,361	250,632	14,921
.10 to .19.....										
.20 to .29.....										
.30 to .39.....	}	13	827	5,303	505	1,078	2,774	7,856	21,697	14,042
.40 to .49.....										
.50 to .59.....										
.60 to .69.....	}	17	859	4,150	667	1,549	2,446	6,678	80,996	74,755
.70 to .79.....										
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2044.--RICE MILLING										
Total.....	74	4,256	20,255	3,243	7,315	12,704	80,507	423,022	351,063	3,299
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	15	876	4,324	738	1,612	3,204	27,422	99,021	77,998	229
.20 to .29.....	14	951	5,363	643	1,511	2,733	21,829	95,318	73,814	576
.30 to .39.....	}	14	1,145	805	1,782	2,798	11,539	94,949	82,906	332
.40 to .49.....										
.50 to .59.....										
.60 to .69.....	}	17	859	4,150	667	1,549	2,446	6,678	80,996	74,755
.70 to .79.....										
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2045.--BLENDED AND PREPARED FLOUR										
Total.....	165	7,199	45,391	5,135	10,703	27,394	177,826	434,023	255,668	6,142
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	18	2,459	14,949	2,046	4,228	11,265	91,850	197,391	105,272	2,085
.20 to .29.....	21	1,441	9,665	1,039	2,156	6,491	38,293	87,158	48,106	1,594
.30 to .39.....	39	1,118	6,658	722	1,551	3,403	19,197	47,719	28,858	612
.40 to .49.....	16	595	3,805	374	780	1,834	8,314	27,059	18,956	250
.50 to .59.....	12	477	3,397	291	646	1,508	6,069	24,420	18,398	1,004
.60 to .69.....	12	393	2,094	261	543	1,071	3,350	12,807	9,389	72
.70 to .79.....	}	11	434	3,491	187	388	907	4,087	24,949	20,854
.80 to .89.....										
.90 and above.....										

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
	INDUSTRY 2041.--FLOUR MILLS									
Total.....	814	28,215	140,121	20,519	44,111	96,165	393,053	2,086,706	1,693,653	22,109
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	81	2,440	12,208	1,828	3,923	8,848	80,091	257,933	177,842	2,873
.20 to .29.....	102	5,356	29,129	3,971	8,853	20,941	113,495	465,908	352,413	3,943
.30 to .39.....	97	5,657	28,079	4,054	8,760	19,430	80,066	461,089	381,023	4,255
.40 to .49.....	76	4,681	23,038	3,385	7,304	15,369	51,362	340,802	289,440	3,036
.50 to .59.....	77	2,363	11,109	1,722	3,789	7,348	20,344	163,834	140,490	1,501
.60 to .69.....	59	2,139	10,806	1,512	3,185	6,999	16,810	120,063	103,253	1,560
.70 to .79.....	31	982	4,421	699	1,400	2,871	5,977	57,238	51,261	520
.80 to .89.....	24	459	2,177	337	782	1,396	2,595	26,816	24,221	337
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	INDUSTRY 2042.--PREPARED ANIMAL FEEDS									
Total.....	2,379	57,313	252,346	38,010	81,406	151,819	798,892	3,238,414	2,439,522	55,042
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	241	6,766	31,346	4,803	10,292	20,604	196,454	605,931	409,477	11,981
.20 to .29.....	347	10,288	46,996	7,301	15,689	31,939	190,857	776,860	586,003	10,199
.30 to .39.....	327	9,354	41,078	6,410	14,032	25,330	119,771	522,943	403,172	7,300
.40 to .49.....	293	9,347	42,464	5,737	12,477	22,899	94,740	395,943	301,203	7,271
.50 to .59.....	235	6,555	29,026	3,832	8,427	14,774	52,814	256,335	203,521	4,362
.60 to .69.....	154	3,789	15,625	2,231	4,790	8,480	23,954	123,510	99,556	3,400
.70 to .79.....	95	1,559	7,136	906	1,914	3,190	9,619	58,912	49,293	1,196
.80 to .89.....	91	1,838	8,297	1,193	2,515	4,863	9,897	60,786	50,889	1,018
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	INDUSTRY 2043.--CEREAL PREPARATIONS									
Total.....	43	10,927	61,902	8,490	16,803	44,101	243,088	444,132	201,044	17,674
Below*.10.....	}	22	5,323	30,204	4,200	8,261	21,966	148,970	283,177	134,207
.10 to .19.....										
.20 to .29.....										
.30 to .39.....	}	21	5,604	31,698	4,290	8,542	22,135	94,118	160,955	66,847
.40 to .49.....										
.50 to .59.....										
.60 to .69.....	}	11	513	1,912	373	840	1,106	2,998	50,907	47,909
.70 to .79.....										
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	INDUSTRY 2044.--RICE MILLING									
Total.....	72	3,843	14,286	2,903	5,982	8,976	53,152	312,061	258,909	1,442
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	11	519	1,505	367	846	1,037	9,781	54,399	44,618	196
.20 to .29.....	22	1,632	7,301	1,213	2,631	4,426	29,358	136,591	107,233	586
.30 to .39.....	}	17	721	2,149	602	1,077	1,435	5,690	40,504	34,814
.40 to .49.....										
.50 to .59.....										
.60 to .69.....	}	11	513	1,912	373	840	1,106	2,998	50,907	47,909
.70 to .79.....										
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	INDUSTRY 2045.--BLENDED AND PREPARED FLOUR									
Total.....	117	4,894	28,353	3,556	7,467	17,664	118,073	279,364	161,291	8,606
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	17	2,470	13,394	2,034	4,248	10,604	85,218	183,329	98,111	4,722
.20 to .29.....	11	620	2,548	513	1,047	1,805	9,854	18,851	8,997	232
.30 to .39.....	23	456	2,866	275	579	1,113	8,168	22,883	14,715	311
.40 to .49.....	14	353	2,097	190	408	823	4,951	13,816	8,865	134
.50 to .59.....	}	30	716	5,226	340	685	1,640	7,614	34,145	26,531
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}	30	716	5,226	340	685	1,640	7,614	34,145	26,531
.90 and above.....										

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new										
		Total	Payroll	Total	Man-hours	Wages														
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)										
INDUSTRY 2046.--WET CORN MILLING																				
Total.....	60	13,236	89,742	9,812	20,902	65,300	290,918	622,442	335,815	26,129										
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)										
.10 to .19.....	15	4,556	28,691	3,838	8,082	26,502	132,456	267,623	135,565	6,903										
.20 to .29.....																				
.30 to .39.....																				
.40 to .49.....																				
.50 to .59.....	20	8,140	58,619	5,622	12,075	37,417	154,355	340,987	191,115	18,568										
.60 to .69.....																				
.70 to .79.....																				
.80 to .89.....																				
.90 and above.....	10	493	2,203	317	673	1,220	3,402	12,417	8,538	602										
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)										
INDUSTRY 2051.--BREAD AND RELATED PRODUCTS																				
Total.....	5,010	236,984	1,300,329	129,909	267,615	645,680	2,403,782	4,505,995	2,103,082	95,280										
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)										
.10 to .19.....	149	2,157	9,040	1,473	3,063	6,484	51,170	82,527	31,369	1,365										
.20 to .29.....	262	5,571	26,761	3,451	7,242	16,631	100,787	178,721	77,978	3,399										
.30 to .39.....	441	18,030	97,890	11,440	23,565	58,768	278,860	496,819	218,006	8,621										
.40 to .49.....	650	44,339	237,710	25,117	51,412	120,960	525,773	973,065	447,486	20,216										
.50 to .59.....	1,444	67,517	378,358	36,937	75,789	182,765	693,264	1,285,175	592,653	30,020										
.60 to .69.....	715	48,568	282,246	25,994	53,844	136,337	435,733	828,846	392,945	16,389										
.70 to .79.....	421	28,731	160,704	14,224	29,028	72,564	216,099	424,317	208,332	7,146										
.80 to .89.....	195	12,100	64,248	5,419	11,350	26,693	76,098	149,447	73,330	2,285										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)										
INDUSTRY 2052.--BISCUITS, CRACKERS, AND COOKIES																				
Total.....	356	43,160	213,021	34,105	67,978	150,941	627,040	1,150,149	523,335	26,429										
Below .10.....	47	16,020	84,223	13,990	28,659	71,370	362,788	594,376	231,546	7,805										
.10 to .19.....																				
.20 to .29.....																				
.30 to .39.....																				
.40 to .49.....	87	9,843	48,695	6,672	13,658	28,421	105,483	208,309	102,356	4,448										
.50 to .59.....																				
.60 to .69.....																				
.70 to .79.....																				
.80 to .89.....	27	1,035	4,562	826	1,617	2,892	5,869	14,955	9,163	512										
.90 and above.....																				
											(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2061.--RAW CANE SUGAR																				
Total.....	74	8,263	38,796	6,308	14,634	27,929	135,686	378,710	251,888	19,289										
Below .10.....	18	1,632	7,403	1,303	2,863	5,157	47,313	101,133	58,383	4,746										
.10 to .19.....																				
.20 to .29.....																				
.30 to .39.....																				
.40 to .49.....	21	2,239	10,596	1,763	4,360	8,196	42,206	118,173	77,975	4,136										
.50 to .59.....																				
.60 to .69.....																				
.70 to .79.....																				
.80 to .89.....	21	2,282	10,808	1,800	4,071	7,902	30,809	98,061	69,756	2,952										
.90 and above.....																				
											14	2,110	9,989	1,442	3,340	6,674	15,358	61,343	45,774	7,455
INDUSTRY 2062.--CANE SUGAR REFINING																				
Total.....	25	12,443	90,792	9,499	20,683	66,948	254,418	1,271,229	1,048,067	16,209										
Below .10.....	15	7,194	50,860	5,245	10,946	35,561	186,582	790,724	624,067	7,322										
.10 to .19.....																				
.20 to .29.....																				
.30 to .39.....																				
.40 to .49.....	21	2,282	10,808	1,800	4,071	7,902	30,809	98,061	69,756	2,952										
.50 to .59.....																				
.60 to .69.....																				
.70 to .79.....																				
.80 to .89.....	10	5,249	39,932	4,254	9,737	31,387	67,836	480,505	424,000	8,887										
.90 and above.....																				

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new		
		Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)		
	INDUSTRY 2046.--WET CORN MILLING											
Total.....	59	13,792	78,767	10,385	22,241	56,335	249,435	528,530	279,095	18,056		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	}	15	4,857	27,887	3,807	8,424	21,287	108,644	220,448	111,804	4,908	
.20 to .29.....		24	8,567	49,313	6,302	13,229	33,968	138,055	296,481	158,426	12,808	
.30 to .39.....		}	10	308	1,391	226	497	941	2,095	9,434	7,339	296
.40 to .49.....			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.50 to .59.....	INDUSTRY 2051.--BREAD AND RELATED PRODUCTS											
.60 to .69.....	6,026		257,846	1,158,062	145,933	297,470	574,696	2,119,818	4,098,612	1,978,794	104,085	
.70 to .79.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....	232	1,606	4,061	1,389	2,609	3,459	26,116	42,785	16,669	1,469		
.90 and above.....	365	5,801	22,180	4,189	7,963	15,039	84,098	143,123	59,025	3,487		
	665	20,626	85,777	13,538	26,200	50,415	241,768	439,940	198,172	8,802		
	850	41,892	188,649	24,119	53,953	93,466	413,546	766,825	353,279	22,474		
	1,071	74,562	350,654	40,684	82,254	166,121	641,292	1,235,144	593,852	29,802		
	940	60,184	280,306	31,296	63,520	129,923	432,674	852,280	419,606	20,397		
	582	31,218	139,090	16,903	33,975	66,799	188,948	379,081	190,133	9,961		
	271	9,877	43,968	5,649	11,660	22,302	52,651	112,749	60,098	1,949		
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
	INDUSTRY 2052.--BISCUITS, CRACKERS, AND COOKIES											
Total.....	339	44,461	179,829	34,296	68,483	122,659	523,318	982,545	456,785	15,521		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	10	2,616	10,579	2,313	4,489	8,985	58,149	93,484	35,335	647		
.20 to .29.....	38	11,173	46,613	9,587	19,046	38,583	202,677	341,714	139,037	3,547		
.30 to .39.....	41	6,751	27,652	5,296	10,630	18,864	80,721	159,911	79,190	3,340		
.40 to .49.....	70	8,665	33,652	6,387	12,772	20,435	73,191	150,508	77,317	2,880		
.50 to .59.....	79	8,069	33,008	5,372	10,582	18,325	61,051	128,936	67,885	3,951		
.60 to .69.....	43	4,991	19,802	3,790	7,854	12,618	31,221	72,114	40,893	715		
.70 to .79.....	}	30	1,655	6,631	1,107	2,195	3,498	8,597	23,284	14,687	295	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....		INDUSTRY 2061.--RAW CANE SUGAR										
Total.....		50	3,011	9,388	2,581	5,844	7,498	21,729	72,553	50,824	1,815	
Below .10.....	}	23	1,488	4,894	1,306	3,138	4,038	15,225	42,463	27,238	1,042	
.10 to .19.....												
.20 to .29.....												
.30 to .39.....												
.40 to .49.....	}	27	1,523	4,494	1,275	2,706	3,460	6,504	30,090	23,586	773	
.50 to .59.....												
.60 to .69.....												
.70 to .79.....												
.80 to .89.....	}	27	1,523	4,494	1,275	2,706	3,460	6,504	30,090	23,586	773	
.90 and above.....												
INDUSTRY 2062.--CANE SUGAR REFINING												
Total.....	28	15,213	83,962	11,807	25,321	63,371	184,824	997,288	812,464	26,829		
Below .10.....	}	17	9,793	52,475	7,758	16,710	41,161	130,552	698,344	567,792	19,132	
.10 to .19.....												
.20 to .29.....												
.30 to .39.....												
.40 to .49.....	}	11	5,420	31,487	4,049	8,611	22,210	54,272	298,944	244,672	7,697	
.50 to .59.....												
.60 to .69.....												
.70 to .79.....												
.80 to .89.....	}	11	5,420	31,487	4,049	8,611	22,210	54,272	298,944	244,672	7,697	
.90 and above.....												

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 2063.--BEET SUGAR											
Total.....	65	11,297	59,641	10,088	21,367	50,879	200,698	564,073	373,514	38,113	
Below .10.....	}	29	5,632	29,457	5,047	10,535	25,249	141,082	363,180	229,510	6,001
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....	}	17	2,978	16,196	2,639	5,838	13,664	42,250	128,051	88,254	5,195
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....	}	19	2,687	13,988	2,402	4,994	11,966	17,366	72,842	55,750	26,917
.90 and above.....											
INDUSTRY 2071.--CONFECTIONERY PRODUCTS											
Total.....	1,211	63,643	269,680	52,724	102,402	193,028	635,393	1,454,512	824,052	28,094	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	73	1,961	8,396	1,650	3,106	6,804	53,452	92,995	40,339	1,603	
.20 to .29.....	132	4,617	18,481	4,048	7,946	14,821	73,197	168,823	98,099	2,443	
.30 to .39.....	146	14,350	59,817	12,103	23,160	42,591	175,034	365,497	191,537	6,480	
.40 to .49.....	280	16,591	75,653	13,482	26,614	52,416	163,729	391,332	230,310	7,752	
.50 to .59.....	168	11,790	53,599	9,431	18,185	36,150	99,370	225,950	127,313	6,636	
.60 to .69.....	106	4,749	18,298	3,914	7,681	13,263	28,687	70,956	42,278	1,254	
.70 to .79.....	47	2,953	10,535	2,460	4,706	7,490	14,020	44,601	28,443	780	
.80 to .89.....	35	3,113	11,057	2,624	4,809	8,109	13,517	34,990	22,057	372	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2072.--CHOCOLATE AND COCOA PRODUCTS											
Total.....	28	8,743	49,305	6,952	13,964	35,936	184,796	479,085	302,662	8,371	
Below .10.....	}	10	6,869	38,505	5,563	11,053	29,052	159,846	376,354	224,922	3,814
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....	}	18	1,874	10,800	1,389	2,911	6,884	24,950	102,731	77,740	4,557
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
INDUSTRY 2073.--CHEWING GUM											
Total.....	24	5,558	30,997	3,892	7,422	17,779	135,848	224,844	89,331	2,881	
Below .10.....	}	12	3,712	20,637	2,533	4,909	11,621	117,377	181,372	64,005	2,173
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....	}	12	1,846	10,360	1,359	2,513	6,158	18,471	43,472	25,326	708
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
INDUSTRY 2082.--MALT LIQUORS											
Total.....	222	62,643	470,823	42,679	81,901	302,270	1,286,036	2,315,068	1,030,707	86,217	
Below .10.....	}	45	10,754	80,603	7,260	14,539	51,980	319,812	585,466	266,068	24,103
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....	}	51	24,072	186,005	17,757	33,878	127,225	545,605	1,004,046	459,492	31,121
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....	}	48	19,006	144,191	12,364	23,503	88,242	322,665	544,958	222,801	21,328
.90 and above.....											
	}	29	5,283	37,707	3,114	5,706	21,417	66,989	113,627	46,457	4,563
	}	17	1,172	6,810	726	1,341	4,159	9,003	16,313	7,185	64

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 2063.--BEET SUGAR											
Total.....	66	10,324	49,217	9,036	20,947	41,220	130,393	392,212	261,819	7,970	
Below .10.....	}	18	3,125	15,221	2,773	6,471	12,965	62,002	158,667	2,618	
.10 to .19.....		10	2,041	9,581	1,851	4,139	8,133	26,063	88,093	1,759	
.20 to .29.....		14	1,737	8,575	1,470	3,612	7,018	19,993	59,570	1,715	
.30 to .39.....	}	24	3,421	15,840	2,942	6,725	14,004	22,335	85,882	1,878	
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
INDUSTRY 2071.--CONFECTIONERY PRODUCTS											
Total.....	1,390	66,504	236,982	54,325	104,870	168,278	512,532	1,229,277	727,407	24,872	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	68	1,660	6,711	1,423	2,794	5,188	39,021	70,131	31,110	1,533	
.20 to .29.....	130	7,751	23,953	6,904	13,000	19,648	93,250	209,698	116,448	2,425	
.30 to .39.....	171	7,906	26,843	6,542	12,426	19,303	72,896	152,534	79,638	2,771	
.40 to .49.....	194	11,523	41,548	9,308	18,388	28,005	92,378	216,038	123,660	8,021	
.50 to .59.....	198	13,977	57,544	11,011	21,683	38,264	107,963	283,316	175,353	5,395	
.60 to .69.....	143	8,322	29,727	6,612	12,762	20,633	46,253	108,890	62,637	1,437	
.70 to .79.....	87	5,349	18,270	4,466	8,634	13,485	24,368	64,583	40,215	1,244	
.80 to .89.....	55	3,008	11,148	2,498	5,071	8,719	13,200	48,375	35,175	426	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2072.--CHOCOLATE AND COCOA PRODUCTS											
Total.....	28	8,271	38,427	6,492	13,193	27,510	135,098	447,156	312,058	4,129	
Below .10.....	}	28	8,271	38,427	6,492	13,193	27,510	135,098	447,156	312,058	4,129
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
INDUSTRY 2073.--CHEWING GUM											
Total.....	27	5,576	25,270	3,947	7,587	14,940	104,789	185,054	80,011	3,380	
Below .10.....	}	16	4,677	20,936	3,297	6,355	12,287	96,039	164,359	67,420	2,871
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....	11	899	4,334	650	1,232	2,653	7,850	20,695	12,591	509	
.80 to .89.....											
.90 and above.....											
INDUSTRY 2082.--MALT LIQUORS											
Total.....	262	71,723	443,337	48,029	91,742	280,070	1,116,703	1,982,664	865,961	72,895	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	12	838	4,195	618	1,244	2,929	23,580	37,972	14,392	764	
.20 to .29.....	24	6,666	42,912	4,857	9,649	29,108	157,854	304,314	141,460	6,539	
.30 to .39.....	56	23,193	144,408	17,041	32,884	98,517	428,749	751,710	322,961	11,143	
.40 to .49.....	64	23,766	149,559	15,860	29,977	96,611	328,486	572,731	244,245	42,245	
.50 to .59.....	57	11,718	70,916	6,463	12,272	36,312	131,878	227,459	95,581	5,439	
.60 to .69.....	20	3,958	23,898	2,256	3,977	12,109	37,706	68,352	30,646	1,463	
.70 to .79.....	}	14	875	4,131	511	958	2,601	5,426	11,821	6,395	108
.80 to .89.....											
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 2083.--MALT											
Total.....	42	1,925	15,084	1,456	2,983	10,839	43,979	183,515	131,479	3,002	
Below .10.....	}	14	660	5,144	500	1,019	3,707	23,657	74,278	50,006	1,757
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....	}	16	705	5,344	561	1,106	4,039	15,054	60,081	44,814	834
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....	}	12	560	4,596	395	858	3,093	5,268	49,156	36,659	411
.90 and above.....											
INDUSTRY 2084.--WINES AND BRANDY											
Total.....	222	6,111	35,051	4,176	8,403	20,523	137,281	368,281	228,654	7,303	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	30	948	5,029	697	1,350	3,393	35,322	82,130	47,168	1,468	
.20 to .29.....	51	2,160	11,624	1,574	3,053	7,335	49,968	120,085	73,330	2,797	
.30 to .39.....	30	1,298	8,878	808	1,687	4,275	25,294	82,560	55,850	1,837	
.40 to .49.....	24	473	2,451	306	632	1,300	5,549	14,505	8,901	390	
.50 to .59.....	}	20	342	1,816	219	441	1,103	3,347	9,400	6,391	156
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2085.--DISTILLED LIQUOR, EXCEPT BRANDY ⁴											
Total.....	107	18,009	110,217	14,343	28,138	80,244	623,736	1,090,462	466,908	15,480	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	19	7,000	43,249	5,907	11,416	33,940	302,520	491,424	188,972	3,388	
.20 to .29.....	21	3,840	24,085	3,050	5,938	17,249	101,812	199,512	98,323	4,401	
.30 to .39.....	}	19	1,645	10,623	1,161	2,381	6,498	29,232	68,617	39,130	857
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....	}	22	2,340	13,938	1,716	3,483	9,077	22,631	79,093	56,376	4,055
.80 to .89.....											
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2086.--BOTTLED AND CANNED SOFT DRINKS											
Total.....	3,905	106,850	537,743	40,911	86,857	164,715	1,233,629	2,210,920	981,493	100,771	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	129	2,598	11,945	1,223	2,639	4,810	77,333	130,996	53,496	2,704	
.20 to .29.....	289	6,181	29,166	2,668	5,631	10,274	113,652	183,684	70,185	6,939	
.30 to .39.....	652	20,077	96,701	7,376	15,588	28,115	270,850	458,956	188,825	17,537	
.40 to .49.....	1,154	36,576	187,046	13,521	28,789	54,741	417,204	728,321	312,469	38,129	
.50 to .59.....	655	22,092	117,070	7,978	17,051	33,650	216,701	404,352	187,549	21,650	
.60 to .69.....	335	8,195	42,404	3,347	6,955	14,031	66,406	141,926	77,805	5,836	
.70 to .79.....	164	3,042	15,443	1,330	2,878	5,265	21,035	47,024	26,011	2,667	
.80 to .89.....	92	2,146	11,434	1,019	2,032	4,964	13,643	33,809	20,270	972	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2087.--FLAVORINGS											
Total.....	520	9,083	56,576	4,986	10,235	25,121	400,173	729,704	334,036	12,311	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	88	1,323	6,396	692	1,410	2,862	43,388	77,730	35,374	600	
.20 to .29.....	73	1,261	7,913	636	1,262	2,831	31,431	59,911	28,940	1,099	
.30 to .39.....	70	1,473	9,434	766	1,483	3,673	27,249	53,425	28,594	566	
.40 to .49.....	76	1,345	8,880	757	1,565	3,866	19,881	42,203	22,857	691	
.50 to .59.....	43	725	4,637	374	730	1,696	8,569	20,308	11,714	642	
.60 to .69.....	35	695	4,494	366	732	1,752	7,160	20,763	13,691	474	
.70 to .79.....	}	24	327	2,237	136	278	790	2,840	7,473	4,645	103
.80 to .89.....											
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2083.--MALT										
Total.....	46	2,404	16,338	1,802	3,556	10,910	55,087	195,327	140,240	3,131
Below .10.....	}	20	1,090	908	1,798	5,595	32,680	103,750	71,070	1,828
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	26	1,314	894	1,758	5,315	22,407	91,577	69,170	1,303
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}									
.90 and above.....										
INDUSTRY 2084.--WINES AND BRANDY										
Total.....	239	5,941	29,029	4,319	8,638	17,659	114,242	263,963	149,721	7,921
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	33	1,203	5,638	942	1,819	3,663	35,782	65,569	29,787	958
.20 to .29.....	48	1,407	8,250	1,013	2,142	4,633	33,090	79,530	46,440	2,085
.30 to .39.....	24	741	3,523	514	1,083	2,078	10,057	20,679	10,622	461
.40 to .49.....	22	860	4,093	595	1,221	2,544	9,239	29,939	20,700	1,570
.50 to .59.....	15	395	1,680	225	420	777	3,092	9,507	6,415	124
.60 to .69.....	11	211	944	153	303	565	1,469	5,208	3,739	226
.70 to .79.....	}	16	202	805	136	246	483	987	5,603	4,616
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2085.--DISTILLED LIQUOR, EXCEPT BRANDY ⁴										
Total.....	122	20,528	102,619	16,629	32,207	73,870	458,151	941,312	483,161	9,908
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	10	5,114	25,327	4,325	8,158	20,203	159,518	304,527	145,009	1,564
.20 to .29.....	19	5,122	24,656	4,446	8,665	20,158	103,439	201,525	98,086	1,664
.30 to .39.....	}	29	4,517	25,223	3,244	6,419	14,289	68,596	188,131	119,535
.40 to .49.....										
.50 to .59.....										
.60 to .69.....										
.70 to .79.....	}	19	1,707	8,955	1,380	2,640	6,053	14,614	53,395	38,781
.80 to .89.....										
.90 and above.....	11	765	3,716	523	1,137	2,384	4,729	17,052	12,323	163
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2086.--BOTTLED AND CANNED SOFT DRINKS										
Total.....	4,394	97,082	405,626	39,496	80,009	131,437	862,487	1,558,263	695,776	64,153
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	149	1,483	4,911	890	1,772	2,872	29,586	47,136	17,550	1,605
.20 to .29.....	348	4,857	18,687	2,742	5,184	9,218	73,426	121,555	48,129	6,752
.30 to .39.....	653	13,067	53,342	5,534	11,159	17,799	148,548	240,685	92,137	10,074
.40 to .49.....	971	28,617	122,202	10,712	22,251	35,576	278,406	497,188	218,782	18,341
.50 to .59.....	873	23,780	100,527	9,036	18,387	30,340	184,009	335,051	151,042	13,322
.60 to .69.....	528	12,046	52,302	4,770	9,782	15,878	81,673	156,131	74,458	7,136
.70 to .79.....	247	6,520	29,253	2,462	4,988	9,337	39,111	78,005	38,894	3,389
.80 to .89.....	133	1,903	6,860	901	1,832	2,932	8,097	19,323	11,226	722
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2087.--FLAVORINGS										
Total.....	534	9,307	47,532	5,264	10,335	22,029	249,442	477,052	224,882	5,375
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	47	960	4,497	408	771	1,365	29,504	52,462	22,958	765
.20 to .29.....	69	999	4,501	646	1,336	2,419	17,968	42,656	24,688	317
.30 to .39.....	73	1,459	7,808	866	1,692	3,553	23,039	50,408	27,369	737
.40 to .49.....	67	1,504	8,525	737	1,421	3,150	19,224	41,356	22,132	665
.50 to .59.....	59	1,331	7,067	755	1,487	3,164	13,359	38,322	24,963	480
.60 to .69.....	41	622	3,472	401	838	1,885	5,528	12,251	6,723	250
.70 to .79.....	28	471	2,762	208	411	969	3,819	11,102	7,283	175
.80 to .89.....	19	371	2,171	207	379	896	2,625	8,708	6,083	128
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2091.--COTTONSEED OIL MILLS										
Total.....	188	8,372	38,173	6,569	16,556	26,014	100,815	555,188	464,670	12,475
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	13	420	1,793	344	880	1,270	11,011	37,362	28,195	2,756
.20 to .29.....	29	1,809	9,035	1,466	3,486	6,468	35,094	152,012	120,746	2,791
.30 to .39.....	38	1,525	6,658	1,216	3,160	4,778	19,436	101,035	83,034	742
.40 to .49.....	26	1,093	5,176	837	2,140	3,314	11,458	68,463	57,583	509
.50 to .59.....	18	846	3,783	668	1,566	2,434	6,861	55,989	49,664	621
.60 to .69.....	16	559	2,308	441	1,124	1,584	3,606	26,203	22,692	344
.70 to .79.....	15	761	3,269	588	1,592	2,156	4,412	36,798	35,160	463
.80 to .89.....	11	721	3,638	502	1,241	2,176	4,285	29,430	25,638	3,969
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2092.--SOYBEAN OIL MILLS										
Total.....	102	6,478	39,893	4,568	10,057	25,715	152,143	1,473,385	1,334,575	10,238
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	13	678	4,081	548	1,279	2,928	26,627	227,643	207,598	1,166
.20 to .29.....	39	2,606	16,308	1,868	4,078	10,553	68,089	688,298	626,674	6,130
.30 to .39.....	12	407	2,426	267	606	1,414	7,212	86,519	79,589	482
.40 to .49.....	11	904	5,878	633	1,390	3,706	13,362	169,010	154,323	653
.50 to .59.....	12	1,554	9,306	1,019	2,141	5,799	15,967	209,448	191,459	1,505
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2093.--VEGETABLE OIL MILLS, N.E.C.										
Total.....	47	1,952	11,501	1,507	3,189	8,094	42,692	234,168	194,352	1,561
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	19	1,174	7,122	904	1,978	5,042	31,280	154,812	126,283	832
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	12	308	1,891	252	532	1,407	3,229	26,549	23,211	143
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2094.--ANIMAL AND MARINE FATS AND OILS										
Total.....	615	14,276	78,305	10,260	22,714	51,254	193,326	473,993	280,393	13,659
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	32	904	4,208	720	1,377	3,108	28,344	55,272	26,970	1,932
.20 to .29.....	70	1,528	7,264	1,262	2,472	5,291	28,654	70,339	41,810	2,352
.30 to .39.....	98	2,745	14,920	1,852	4,276	9,525	42,612	97,872	55,186	2,084
.40 to .49.....	144	3,156	17,662	2,304	5,339	11,736	39,612	92,258	53,486	2,948
.50 to .59.....	73	2,121	13,065	1,304	2,987	7,269	24,185	62,032	37,984	1,818
.60 to .69.....	44	1,134	6,102	718	1,632	3,424	9,243	27,008	17,722	473
.70 to .79.....	35	1,140	6,283	906	1,979	4,633	8,567	23,869	15,406	816
.80 to .89.....	28	469	2,990	352	760	2,144	3,549	12,348	8,914	168
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2096.--SHORTENING AND COOKING OILS										
Total.....	115	13,511	88,606	8,880	19,001	54,767	264,501	1,324,357	1,061,949	19,490
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	10	1,038	6,300	800	1,575	4,561	40,303	129,249	88,616	1,141
.20 to .29.....	16	2,923	19,710	1,975	4,408	12,907	77,568	323,430	253,734	3,758
.30 to .39.....	22	2,099	13,207	1,443	3,211	7,971	37,668	262,335	223,061	3,082
.40 to .49.....	15	1,827	12,060	1,316	2,598	8,380	28,275	109,807	82,684	2,321
.50 to .59.....	34	4,778	32,539	2,734	5,917	17,642	54,684	369,353	314,709	3,851
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2091.--COTTONSEED OIL MILLS										
Total.....	214	8,355	31,223	6,310	14,899	20,006	63,587	420,649	357,062	6,605
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	14	652	2,406	510	1,230	1,784	16,009	61,047	45,038	473
.20 to .29.....	17	710	2,830	594	1,407	2,142	11,411	46,177	34,766	2,680
.30 to .39.....	23	937	3,486	778	1,799	2,616	10,213	49,409	39,196	666
.40 to .49.....	15	695	2,407	539	1,377	1,594	5,319	37,215	31,896	260
.50 to .59.....	27	1,318	4,913	1,030	2,402	3,264	8,967	64,573	55,606	854
.60 to .69.....	17	594	2,142	446	1,005	1,286	3,324	28,988	25,664	230
.70 to .79.....	22	960	4,353	625	1,490	2,265	5,712	42,873	37,161	231
.80 to .89.....										
.90 and above.....										
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2092.--SOYBEAN OIL MILLS										
Total.....	117	8,095	41,909	5,742	12,828	27,067	139,612	1,080,798	941,186	14,668
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	25	1,344	7,569	969	2,229	4,915	50,106	258,735	208,629	3,718
.20 to .29.....	23	1,876	9,665	7,386	3,122	6,950	39,168	309,026	269,858	3,296
.30 to .39.....	31	1,945	9,937	1,458	3,238	6,670	27,274	259,295	232,021	5,502
.40 to .49.....										
.50 to .59.....										
.60 to .69.....	16	1,707	8,399	1,205	2,633	5,193	13,991	166,595	152,604	1,061
.70 to .79.....										
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2093.--VEGETABLE OIL MILLS, N.E.C.										
Total.....	46	2,252	12,525	1,794	3,861	9,544	42,066	314,695	272,629	2,032
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	10	523	2,681	431	974	2,254	12,915	42,451	29,536	303
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	12	1,104	6,192	865	1,792	4,601	15,976	143,907	127,931	1,314
.50 to .59.....										
.60 to .69.....										
.70 to .79.....	11	304	1,590	253	519	1,240	2,599	26,016	23,417	191
.80 to .89.....										
.90 and above.....										
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRIES 2094 AND 2095.--ANIMAL AND MARINE FATS AND OILS										
Total.....	617	14,575	67,869	10,908	23,628	46,373	151,596	389,298	238,452	12,745
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	26	431	1,242	400	727	1,038	8,155	25,026	16,871	696
.20 to .29.....	71	1,662	7,029	1,246	2,716	4,760	26,790	56,604	29,814	1,032
.30 to .39.....	109	2,061	9,000	1,619	3,624	6,574	25,445	56,305	30,860	3,199
.40 to .49.....	106	2,659	12,636	2,011	4,610	8,828	28,175	68,307	40,132	2,203
.50 to .59.....	109	3,586	18,094	2,636	5,803	12,479	33,109	98,730	65,621	2,895
.60 to .69.....	62	1,872	9,513	1,282	2,708	5,870	14,877	42,566	27,689	1,102
.70 to .79.....	32	711	3,564	515	1,166	2,330	4,833	15,252	10,419	276
.80 to .89.....	14	342	1,536	256	573	1,031	1,784	4,916	3,132	310
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2096.--SHORTENING AND COOKING OILS										
Total.....	105	12,489	70,993	8,569	18,414	44,196	221,519	1,239,129	1,017,610	12,389
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	14	1,517	8,375	1,211	2,638	6,178	53,910	195,917	142,007	1,808
.20 to .29.....	15	2,930	16,965	2,093	4,413	11,020	64,800	308,953	244,153	2,582
.30 to .39.....	32	3,951	23,469	2,506	5,520	13,386	64,057	355,673	291,616	3,492
.40 to .49.....										
.50 to .59.....										
.60 to .69.....	29	2,966	16,645	1,974	4,258	59,907	28,482	234,418	205,936	2,137
.70 to .79.....										
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 2097.--MANUFACTURED ICE											
Total.....	1,199	10,757	42,872	6,714	14,056	25,905	90,204	122,550	32,442	5,741	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	34	209	982	161	326	691	5,923	6,836	895	147	
.20 to .29.....	87	600	2,161	375	747	1,305	8,396	10,644	2,246	552	
.30 to .39.....	161	1,568	6,636	907	1,858	3,561	19,056	24,025	5,016	1,415	
.40 to .49.....	269	2,892	11,045	1,831	3,875	7,002	24,488	32,278	7,860	1,580	
.50 to .59.....	187	1,914	8,231	1,283	2,775	5,272	14,967	19,643	4,673	715	
.60 to .69.....	89	1,113	4,466	669	1,442	2,535	6,932	10,057	3,126	489	
.70 to .79.....	84	973	3,854	561	1,140	2,165	5,173	7,863	2,711	447	
.80 to .89.....	51	417	1,543	243	513	891	1,806	3,095	1,281	82	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2098.--MACARONI AND SPAGHETTI											
Total.....	221	7,270	35,495	5,095	10,368	21,176	96,012	222,947	126,473	4,786	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	32	1,444	7,423	1,074	2,203	4,651	31,711	64,669	32,803	876
.20 to .29.....		57	2,365	11,029	1,587	3,218	6,367	32,028	68,705	36,581	1,625
.30 to .39.....		35	1,541	7,687	1,037	2,069	4,308	17,085	45,104	27,911	1,240
.40 to .49.....		31	759	3,576	535	1,109	2,226	6,573	19,302	12,622	541
.50 to .59.....	}	16	639	3,641	442	919	1,991	5,815	15,165	9,343	216
.60 to .69.....		23	327	1,569	264	551	1,210	2,102	8,075	6,001	209
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2095.--ROASTED COFFEE											
Total.....	324	17,175	111,429	10,112	20,499	55,596	616,407	1,868,058	1,256,589	23,459	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	29	2,778	19,534	2,164	4,614	14,269	158,353	430,515	272,791	8,569	
.20 to .29.....	44	2,667	15,582	1,857	3,613	9,209	62,058	217,259	156,519	1,145	
.30 to .39.....	49	2,342	15,625	909	1,898	4,478	43,090	142,348	99,941	4,897	
.40 to .49.....	54	3,434	22,512	1,484	2,905	6,946	51,880	172,494	120,663	2,848	
.50 to .59.....	36	920	6,150	388	725	1,536	11,234	52,505	41,419	323	
.60 to .69.....	26	724	5,056	459	937	2,781	7,577	56,274	48,819	891	
.70 to .79.....	}	24	667	3,954	369	709	1,731	5,115	55,067	49,230	120
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2099.--FOOD PREPARATIONS, N.E.C.											
Total.....	2,190	54,277	271,283	35,585	71,032	145,320	849,610	1,797,284	951,757	62,145	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	205	4,880	24,761	3,800	7,680	18,039	172,447	316,912	148,308	5,894	
.20 to .29.....	465	8,608	40,362	5,911	11,166	24,469	157,922	305,708	148,205	6,738	
.30 to .39.....	305	9,208	44,730	5,774	11,518	23,011	127,038	288,777	162,374	6,770	
.40 to .49.....	279	8,725	43,825	5,727	11,887	22,346	96,892	219,734	122,113	7,231	
.50 to .59.....	279	8,055	41,794	4,774	9,483	17,607	76,832	184,008	106,894	4,793	
.60 to .69.....	144	5,004	25,242	3,297	6,641	13,260	39,623	112,418	72,545	3,926	
.70 to .79.....	98	2,847	14,284	1,743	3,295	6,197	19,227	54,930	35,503	1,436	
.80 to .89.....	48	1,732	9,737	1,013	2,099	4,728	11,443	39,397	27,839	1,251	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2111.--CIGARETTES ⁴											
Total.....	14	35,568	183,046	31,966	62,986	158,847	1,310,325	2,655,346	1,343,353	29,651	
Below .10.....	}	14	35,568	183,046	31,966	62,986	158,847	1,310,325	2,655,346	1,343,353	29,651
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)					
INDUSTRY 2097.--MANUFACTURED ICE											
Total.....	1,570	14,557	52,498	8,996	18,911	31,060	107,527	149,605	42,078	6,368	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	59	250	800	153	297	480	5,416	6,623	1,207	95	
.20 to .29.....	131	878	2,878	666	1,406	2,178	11,440	13,960	2,520	273	
.30 to .39.....	227	2,299	8,011	1,265	2,721	4,293	22,719	28,754	6,035	1,361	
.40 to .49.....	238	2,606	9,729	1,687	3,566	6,183	21,875	29,148	7,273	1,306	
.50 to .59.....	231	2,566	9,282	1,635	3,479	5,604	17,116	23,003	5,887	1,191	
.60 to .69.....	167	1,765	6,572	971	2,064	3,277	10,287	15,964	5,677	379	
.70 to .79.....	108	1,365	5,642	821	1,780	3,252	7,560	11,309	3,749	911	
.80 to .89.....	69	643	2,343	365	776	1,280	2,797	4,245	1,448	97	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2098.--MACARONI AND SPAGHETTI											
Total.....	214	6,825	27,910	4,930	9,597	16,445	67,130	180,190	113,060	5,274	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	13	125	447	101	187	294	2,606	10,929	8,323	67	
.20 to .29.....	28	515	1,849	382	696	1,111	6,812	15,585	8,773	230	
.30 to .39.....	36	1,896	8,311	1,315	2,606	4,642	24,208	57,873	33,665	1,323	
.40 to .49.....	36	1,962	7,811	1,446	2,828	4,773	17,917	45,009	27,092	1,642	
.50 to .59.....	37	1,369	5,852	995	1,939	3,239	10,711	31,780	21,069	590	
.60 to .69.....	15	377	1,445	241	478	788	2,279	6,781	4,502	177	
.70 to .79.....	}	16	476	1,848	365	736	1,346	2,380	9,092	6,712	1,113
.80 to .89.....		}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....											
INDUSTRY 2099.--FOOD PREPARATIONS, N.E.C.											
Total.....	2,687	67,992	302,483	45,741	90,580	168,187	1,065,743	3,432,094	2,366,351	54,191	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	248	8,857	41,336	7,073	14,246	30,439	275,144	905,057	629,913	13,790	
.20 to .29.....	348	11,917	53,856	8,332	16,228	33,831	225,192	646,252	421,060	10,592	
.30 to .39.....	337	10,796	49,272	6,542	13,174	23,275	140,803	385,264	244,461	7,893	
.40 to .49.....	344	10,618	49,197	6,655	13,438	23,349	110,171	346,093	235,922	7,623	
.50 to .59.....	335	8,598	37,594	5,320	10,412	17,145	68,726	197,891	129,165	3,915	
.60 to .69.....	217	5,579	23,467	3,694	7,226	11,925	36,222	138,128	101,906	1,847	
.70 to .79.....	102	2,326	9,994	1,409	2,768	4,548	13,383	81,688	68,305	649	
.80 to .89.....	79	1,898	9,066	1,328	2,697	5,206	10,840	106,911	96,071	889	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2111.--CIGARETTES ⁴											
Total.....	19	33,832	142,413	31,037	60,567	125,765	1,058,554	2,159,987	1,101,433	20,490	
Below .10.....	}	19	33,832	142,413	31,037	60,567	125,765	1,058,554	2,159,987	1,101,433	
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)			
		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)							
INDUSTRY 2121.--CIGARS ⁴													
Total.....	193	20,731	68,108	18,965	35,044	57,790	192,998	358,463	165,985	4,246			
Below .10.....	}	38	6,284	20,187	5,946	11,116	18,567	80,013	140,255	60,939			
.10 to .19.....		45	6,372	21,289	5,918	10,975	18,143	61,082	110,186	48,924			
.20 to .29.....		18	4,275	14,674	3,780	6,766	11,423	32,261	60,790	28,478			
.30 to .39.....		}	43	3,398	10,973	2,968	5,590	8,860	18,830	45,178	26,402		
.40 to .49.....	}		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.50 to .59.....			}										
.60 to .69.....				}									
.70 to .79.....		}											
.80 to .89.....	}												
.90 and above.....			}										
INDUSTRY 2131.--CHEWING AND SMOKING TOBACCO ⁴													
Total.....		51		4,058	18,207	3,101	5,670	11,603	73,975	139,543	65,855	927	
Below .10.....	}	13		1,772	8,679	1,441	2,690	5,925	50,640	88,393	38,035	718	
.10 to .19.....		}	17	1,754	7,811	1,199	2,271	4,525	20,539	43,230	22,663	156	
.20 to .29.....			}	11	481	1,516	422	642	1,032	2,609	7,105	4,529	43
.30 to .39.....				}	10	51	201	39	67	121	187	815	628
.40 to .49.....	}												
.50 to .59.....		}											
.60 to .69.....			}										
.70 to .79.....				}									
.80 to .89.....	}												
.90 and above.....		}											
INDUSTRY 2141.--TOBACCO STEMMING AND REDRYING ⁴													
Total.....			136	16,973	61,137	14,547	28,335	43,256	103,296	1,366,602	1,261,095	19,019	
Below .10.....	}		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....		}	11	718	2,407	632	1,474	1,866	10,575	35,250	24,662	276	
.20 to .29.....			}	11	1,604	6,769	1,389	3,298	5,316	19,806	240,422	220,845	3,323
.30 to .39.....				}	15	2,396	8,516	2,039	3,932	5,881	19,087	238,517	219,417
.40 to .49.....	}				16	2,620	8,602	2,316	4,012	6,417	16,128	253,982	237,930
.50 to .59.....		}			21	3,291	12,537	2,846	5,953	9,260	19,493	325,982	306,160
.60 to .69.....			}		23	2,566	6,938	2,319	3,923	5,052	8,836	33,004	23,953
.70 to .79.....				}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....	}												
.90 and above.....		}											
INDUSTRY 2211.--WEAVING MILLS, COTTON													
Total.....			407	208,993	771,573	195,530	403,379	688,374	1,256,753	3,104,053	1,823,772	113,366	
Below .10.....	}		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....		}	91	32,341	123,523	29,865	63,167	110,042	304,807	639,265	338,278	23,762	
.20 to .29.....			}	73	40,406	154,106	38,004	80,472	138,839	278,881	646,041	370,508	22,346
.30 to .39.....				}	81	63,525	233,585	59,545	122,297	208,792	353,126	866,109	510,417
.40 to .49.....	}				82	40,883	149,163	38,266	78,766	131,520	201,587	551,347	341,608
.50 to .59.....		}			30	16,994	58,465	15,939	31,146	52,863	70,239	216,485	138,322
.60 to .69.....			}		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....				}									
.80 to .89.....	}												
.90 and above.....		}											
INDUSTRY 2221.--WEAVING MILLS, SYNTHETICS													
Total.....			355	88,157	366,045	79,750	171,378	306,464	661,535	1,722,356	1,072,259	35,798	
Below .10.....	}		16	1,400	5,269	1,244	2,511	4,284	25,017	51,307	26,105	914	
.10 to .19.....		}	27	5,337	21,782	4,805	10,203	18,252	58,744	153,346	97,560	1,481	
.20 to .29.....			}	65	20,264	85,059	18,018	38,385	69,597	183,864	421,274	245,561	10,631
.30 to .39.....				}	66	24,829	107,015	22,285	49,242	88,641	194,328	513,683	326,055
.40 to .49.....	}				64	18,474	75,583	17,025	36,462	65,572	117,218	314,616	196,819
.50 to .59.....		}			47	11,092	46,098	10,134	21,721	38,559	62,553	183,926	120,208
.60 to .69.....			}		21	1,587	5,375	1,497	2,912	4,737	6,284	13,472	6,795
.70 to .79.....				}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....	}												
.90 and above.....		}											

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)		
		Total	Payroll	Total	Man-hours	Wages						
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)						
INDUSTRY 2121.--CIGARS ⁴												
Total.....	283	29,350	81,882	27,048	49,894	70,077	183,140	355,048	171,908	6,015		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	}	28	2,324	5,838	2,142	3,934	5,172	21,191	38,952	17,761	277	
.20 to .29.....		40	5,431	14,457	5,056	9,297	12,443	42,114	77,148	35,034	792	
.30 to .39.....		49	10,044	30,061	9,106	16,928	24,745	68,700	123,469	54,769	2,804	
.40 to .49.....		51	5,466	15,227	5,056	9,059	13,289	27,831	57,064	29,233	852	
.50 to .59.....	}	24	3,903	11,051	3,683	7,067	9,864	17,500	40,779	23,279	742	
.60 to .69.....		19	1,035	2,648	934	1,741	2,254	3,337	6,763	3,426	375	
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
INDUSTRY 2131.--CHEWING AND SMOKING TOBACCO ⁴												
Total.....	58	6,348	23,693	5,319	9,967	17,470	86,188	175,770	89,582	1,079		
Below .10.....	}	14	1,849	7,079	1,605	3,095	5,560	42,213	67,044	24,831	352	
.10 to .19.....		20	3,801	14,628	3,112	5,865	10,570	41,201	98,031	56,830	680	
.20 to .29.....		}	24	698	1,986	602	1,007	1,340	2,774	10,695	7,921	47
.30 to .39.....												
.40 to .49.....												
.50 to .59.....												
.60 to .69.....												
.70 to .79.....												
.80 to .89.....												
.90 and above.....												
INDUSTRY 2141.--TOBACCO STEMMING AND REDRYING ⁴												
Total.....	144	14,937	46,662	12,902	26,564	34,530	85,578	1,176,710	1,091,132	10,485		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	}	18	693	2,367	589	1,183	1,590	11,456	47,140	35,684	4,873	
.20 to .29.....		16	1,577	5,348	1,374	3,039	4,146	15,533	132,578	117,045	751	
.30 to .39.....		16	1,670	4,877	1,476	3,228	3,609	11,326	66,313	54,987	1,072	
.40 to .49.....		22	3,871	12,860	3,309	6,435	9,572	23,631	535,980	512,349	1,663	
.50 to .59.....	}	20	2,457	7,633	2,116	4,768	5,601	12,000	149,394	137,394	599	
.60 to .69.....		12	1,594	3,694	1,356	2,457	2,628	4,802	31,087	26,285	336	
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
INDUSTRY 2211.--WEAVING MILLS, COTTON												
Total.....	496	243,419	724,481	228,609	443,255	646,678	1,078,592	2,748,584	1,669,992	48,441		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	}	23	1,172	3,720	1,091	2,221	3,162	19,409	30,053	10,644	477	
.20 to .29.....		19	2,800	8,436	2,624	4,823	7,488	22,831	51,247	28,416	556	
.30 to .39.....		38	18,520	56,676	17,436	34,020	51,616	121,044	266,074	145,030	4,024	
.40 to .49.....		61	30,300	91,521	28,336	56,171	81,029	165,978	386,664	220,686	6,143	
.50 to .59.....	}	121	78,233	243,082	72,872	144,439	214,236	374,304	904,304	530,000	16,589	
.60 to .69.....		85	52,108	150,809	49,421	94,468	136,425	201,272	554,047	352,775	10,709	
.70 to .79.....		51	26,370	75,691	25,013	47,800	68,861	88,958	249,611	160,653	5,235	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
INDUSTRY 2221.--WEAVING MILLS, SYNTHETICS												
Total.....	401	81,688	276,655	74,452	150,649	233,965	468,583	1,225,509	756,926	15,043		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	}	34	1,637	5,709	1,387	2,815	4,592	24,084	39,624	15,540	437	
.20 to .29.....		30	4,705	15,637	4,321	8,671	13,861	43,789	100,384	56,595	514	
.30 to .39.....		50	8,400	30,056	7,592	15,705	25,369	65,922	175,719	109,797	2,404	
.40 to .49.....		65	19,849	66,919	18,030	36,546	56,522	121,141	318,378	197,237	3,774	
.50 to .59.....	}	63	20,883	71,825	19,198	38,902	60,637	110,390	282,374	171,084	3,423	
.60 to .69.....		54	13,423	45,155	12,325	24,819	38,394	60,014	170,676	116,462	3,179	
.70 to .79.....		48	7,325	23,319	6,651	13,457	19,493	27,428	67,933	40,305	1,092	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2231.--WEAVING, FINISHING MILLS, WOOL										
Total.....	361	47,429	202,892	41,627	85,034	160,188	386,622	1,010,692	629,471	15,539
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	27	2,966	12,955	2,344	4,872	8,764	49,218	125,231	324
.20 to .29.....		20	4,093	17,594	3,586	7,659	14,083	51,071	127,151	78,532
.30 to .39.....		38	10,423	42,886	9,480	19,848	35,989	95,968	251,467	156,798
.40 to .49.....		58	9,298	40,713	8,294	17,475	32,443	73,011	160,438	89,128
.50 to .59.....		93	9,041	39,655	7,726	14,803	30,127	62,078	121,582	60,384
.60 to .69.....		53	5,320	22,722	4,734	9,214	18,473	30,651	73,116	43,802
.70 to .79.....		22	2,263	10,637	1,878	3,715	7,656	12,898	36,375	23,286
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....										
INDUSTRY 2241.--NARROW FABRIC MILLS										
Total.....	384	23,154	91,869	20,647	40,614	72,956	172,493	349,071	176,776	6,907
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	20	727	2,624	668	1,234	2,013	12,873	16,370	4,088
.20 to .29.....		36	2,215	9,157	1,988	3,982	7,450	25,693	49,006	23,671
.30 to .39.....		66	3,565	13,020	3,170	6,049	10,218	28,154	58,323	30,484
.40 to .49.....		63	5,477	22,084	4,922	9,740	17,546	40,487	79,368	39,087
.50 to .59.....		60	4,743	20,905	4,132	8,446	16,279	32,378	67,816	34,964
.60 to .69.....		66	4,167	14,983	3,747	7,381	12,167	20,438	44,703	24,149
.70 to .79.....		21	1,014	4,019	897	1,660	3,067	4,759	11,358	6,450
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....										
INDUSTRY 2251.--WOMEN'S HOSIERY, EXCEPT SOCKS										
Total.....	411	51,527	170,875	47,074	87,768	144,129	296,346	606,560	313,024	16,187
Below .10.....	}	16	1,420	4,414	1,288	2,342	3,846	20,040	47,113	28,032
.10 to .19.....		35	2,953	10,175	2,617	5,087	8,063	29,275	58,312	29,062
.20 to .29.....		42	11,669	40,111	10,731	19,946	34,867	90,152	163,435	77,634
.30 to .39.....		48	4,403	13,824	4,063	7,807	12,055	25,052	49,360	24,425
.40 to .49.....		95	13,352	43,121	12,425	22,997	37,595	66,829	124,250	57,501
.50 to .59.....		61	9,863	32,160	9,167	16,999	27,704	43,932	82,791	39,182
.60 to .69.....		31	2,205	6,692	2,038	3,694	5,720	8,052	18,105	9,836
.70 to .79.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....										
.90 and above.....										
INDUSTRY 2252.--HOSIERY, N.E.C.										
Total.....	528	43,340	124,114	40,117	71,349	104,550	192,165	451,098	258,446	6,203
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	19	477	1,149	434	743	998	5,088	8,301	3,153
.20 to .29.....		26	1,270	3,586	1,183	2,215	3,151	10,631	25,340	15,011
.30 to .39.....		35	2,662	7,893	2,433	4,501	6,667	17,457	32,346	15,434
.40 to .49.....		119	9,083	27,231	8,385	15,196	22,892	48,756	118,346	70,199
.50 to .59.....		99	11,679	33,320	10,893	19,452	28,262	51,717	113,576	62,645
.60 to .69.....		87	8,739	24,659	8,127	13,862	20,836	32,913	74,971	41,985
.70 to .79.....		40	4,496	12,403	4,223	7,504	10,480	14,789	36,664	21,722
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....										
INDUSTRY 2253.--KNIT OUTERWEAR MILLS										
Total.....	1,185	68,570	266,650	60,684	113,602	205,833	463,585	1,045,470	586,899	17,277
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	47	1,096	4,482	696	958	2,124	27,615	61,722	34,844
.20 to .29.....		44	1,211	5,404	904	1,785	3,190	21,519	60,151	39,144
.30 to .39.....		58	3,000	12,571	2,317	4,337	7,623	35,976	95,975	61,968
.40 to .49.....		195	8,165	33,258	6,991	13,454	23,438	71,880	170,124	99,815
.50 to .59.....		177	13,493	51,933	11,831	21,978	39,265	94,769	208,021	115,262
.60 to .69.....		174	15,056	56,439	13,557	24,888	44,863	87,391	176,009	89,473
.70 to .79.....		184	13,905	54,700	12,844	24,089	45,625	73,653	135,828	62,982
.80 to .89.....		96	6,550	23,890	6,039	11,375	19,772	28,017	59,017	30,390
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
	INDUSTRY 2231.--WEAVING, FINISHING MILLS, WOOL									
Total.....	469	55,952	206,094	49,053	98,662	166,189	336,618	929,040	592,422	9,702
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	16	151	527	131	245	405	3,240	5,439	2,199	50
.20 to .29.....	19	2,126	7,588	1,819	3,747	5,656	29,164	89,931	60,767	269
.30 to .39.....	27	3,125	10,421	2,686	5,373	8,549	29,563	79,222	49,659	1,001
.40 to .49.....	36	5,201	18,399	4,766	9,652	15,910	39,711	91,219	51,508	982
.50 to .59.....	81	11,626	45,604	9,973	20,164	35,719	82,302	185,842	103,540	1,987
.60 to .69.....	75	9,896	35,986	8,797	17,445	29,431	55,404	128,601	73,197	1,973
.70 to .79.....	73	10,271	37,999	9,174	19,021	31,598	49,757	138,755	88,998	1,478
.80 to .89.....	41	5,579	21,794	4,802	9,468	16,876	25,871	75,005	49,134	634
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	INDUSTRY 2241.--NARROW FABRIC MILLS									
Total.....	488	24,587	85,923	21,534	42,592	65,225	142,638	301,482	158,844	6,307
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	14	178	445	162	334	392	2,601	4,293	1,692	57
.20 to .29.....	22	722	2,141	643	1,272	1,807	7,720	15,306	7,586	577
.30 to .39.....	31	666	2,129	604	1,196	1,737	5,856	11,107	5,251	245
.40 to .49.....	48	2,533	8,395	2,324	4,673	7,136	19,056	40,573	21,517	480
.50 to .59.....	76	5,154	18,742	4,506	9,092	13,948	34,040	66,025	31,985	1,975
.60 to .69.....	96	6,800	24,902	5,874	11,632	17,796	37,977	81,425	43,448	1,275
.70 to .79.....	77	4,286	15,196	3,724	7,440	11,460	20,329	41,942	21,613	802
.80 to .89.....	35	2,538	8,353	2,251	4,275	6,659	9,876	24,470	14,594	398
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	INDUSTRIES 2251 AND 2252.--WOMEN'S HOSIERY, EXCEPT SOCKS AND HOSIERY, N.E.C.									
Total.....	1,091	103,170	281,102	94,557	169,021	237,988	463,821	946,868	483,047	19,617
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	22	531	1,226	427	557	850	8,047	12,341	4,294	356
.20 to .29.....	37	3,107	7,827	2,688	4,285	5,942	30,293	55,472	25,179	696
.30 to .39.....	54	5,841	16,440	5,075	9,173	12,879	46,338	93,753	47,415	1,986
.40 to .49.....	65	4,887	12,118	4,436	7,388	10,316	27,363	66,686	39,323	735
.50 to .59.....	150	17,315	50,566	16,051	29,185	44,143	91,284	158,391	67,107	4,596
.60 to .69.....	211	24,373	68,853	22,259	40,531	57,074	105,707	231,557	125,850	4,178
.70 to .79.....	195	25,733	69,131	23,903	43,057	59,773	92,755	179,080	86,325	4,781
.80 to .89.....	117	10,634	27,589	9,959	17,548	23,876	32,727	69,244	36,517	915
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	INDUSTRY 2253.--KNIT OUTERWEAR MILLS ⁵									
Total.....	1,123	60,586	203,998	52,608	97,557	154,804	339,914	813,577	473,663	11,155
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	58	669	2,609	424	734	1,222	16,420	40,319	23,899	277
.20 to .29.....	55	1,264	4,388	926	1,600	2,407	17,018	50,990	33,972	417
.30 to .39.....	80	2,860	10,539	2,144	4,030	6,349	30,188	85,389	55,201	435
.40 to .49.....	90	5,582	19,003	4,506	8,590	13,147	41,945	101,189	59,244	875
.50 to .59.....	160	11,241	37,209	9,831	18,115	27,896	66,810	155,111	88,301	2,237
.60 to .69.....	191	12,405	41,930	11,284	20,671	33,960	64,668	126,838	62,170	2,644
.70 to .79.....	179	13,012	41,551	11,573	21,643	34,070	56,111	110,075	53,964	2,228
.80 to .89.....	105	4,893	15,518	4,486	8,201	12,798	18,426	36,352	17,926	660
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)	
		Total	Payroll	Total	Man-hours	Wages					
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)					
INDUSTRY 2254.--KNIT UNDERWEAR MILLS											
Total.....	118	28,364	95,869	25,578	48,103	76,076	170,709	364,834	200,400	4,772	
Below .10.....	}	17	5,570	20,202	4,894	9,328	14,640	58,360	127,627	69,572	660
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....	10	1,058	3,056	1,001	1,753	2,560	3,630	9,964	6,139	77	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2256.--KNIT FABRIC MILLS											
Total.....	518	25,046	117,532	21,364	46,465	88,296	252,908	817,383	569,021	18,409	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	18	571	2,592	469	935	1,871	18,254	57,616	40,082	648	
.20 to .29.....	31	1,829	8,142	1,581	3,509	6,363	32,160	78,408	46,941	1,609	
.30 to .39.....	61	2,618	13,644	2,148	5,065	9,610	38,478	144,275	109,142	2,252	
.40 to .49.....	84	5,208	24,920	4,534	10,354	18,836	55,483	151,571	96,859	4,010	
.50 to .59.....	85	4,888	21,846	4,129	8,743	16,322	40,406	126,069	85,763	3,544	
.60 to .69.....	88	5,217	24,223	4,533	9,832	19,008	37,521	147,814	109,298	4,495	
.70 to .79.....	46	2,560	11,852	2,191	4,406	8,914	16,095	42,898	26,895	759	
.80 to .89.....	23	587	2,983	501	1,038	2,284	3,535	9,364	5,844	493	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2259.--KNITTING MILLS, N.E.C.											
Total.....	88	3,639	12,458	3,215	6,054	9,935	20,309	40,731	20,286	320	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	36	485	1,603	409	780	1,253	5,047	9,915	4,913	78
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....	11	540	1,622	502	919	1,406	2,003	3,131	1,161	8	
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2261.--FINISHING PLANTS, COTTON											
Total.....	238	42,055	190,532	35,537	74,856	146,817	332,290	869,746	536,868	29,273	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	14	413	1,725	368	762	1,339	9,961	39,972	31,853	561
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....	16	7,150	31,623	6,165	13,131	24,703	38,285	90,850	52,322	4,742	
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2262.--FINISHING PLANTS, SYNTHETIC											
Total.....	205	19,528	105,975	16,222	36,524	81,391	176,819	323,701	151,086	13,890	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	11	244	1,178	214	463	1,028	6,515	6,119	1,643	133
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....	50	5,650	30,036	4,626	10,374	22,585	40,239	100,960	50,853	2,471	
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2254.--KNIT UNDERWEAR MILLS										
Total.....	141	29,207	84,818	25,782	47,255	67,601	145,592	310,817	165,225	5,916
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	27	7,552	22,843	6,553	12,039	17,952	56,359	109,003	52,644
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	23	3,241	9,462	2,884	5,223	7,380	17,187	36,030	18,843	350
.60 to .69.....	34	10,359	29,558	9,468	17,369	24,861	46,558	95,832	49,274	2,880
.70 to .79.....	26	3,396	9,549	3,081	5,567	7,616	12,954	28,527	15,573	769
.80 to .89.....	14	2,024	5,200	1,905	3,531	4,384	6,313	13,132	6,819	224
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2256.--KNIT FABRIC MILLS										
Total.....	357	18,356	73,871	15,689	32,301	55,693	147,394	487,185	339,791	7,132
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	14	401	1,152	350	604	897	6,944	16,337	9,393	221
.20 to .29.....	28	1,235	4,378	1,079	2,137	3,364	16,773	42,892	26,119	561
.30 to .39.....	39	1,627	7,330	1,346	2,877	5,131	21,405	66,658	45,253	678
.40 to .49.....	49	2,688	12,831	2,259	5,029	9,588	29,037	101,650	72,613	1,853
.50 to .59.....	69	4,100	16,186	3,601	7,531	12,747	29,943	98,227	68,284	1,714
.60 to .69.....	59	3,691	14,406	3,156	6,320	10,286	22,415	82,694	60,279	1,049
.70 to .79.....	31	2,262	8,677	1,926	3,955	6,865	11,744	33,283	21,539	620
.80 to .89.....	16	607	2,510	512	1,019	1,988	2,945	10,663	7,718	57
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2259.--KNITTING MILLS, N.E.C. ⁵										
Total.....	75	3,230	9,619	2,765	4,873	7,130	14,543	30,092	15,549	255
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	26	584	1,754	474	876	1,322	4,586	8,414	3,828
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	}	30	1,715	4,316	1,506	2,571	13,748	7,423	11,365	3,942
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2261.--FINISHING PLANTS, COTTON										
Total.....	446	49,212	189,866	42,105	86,510	149,247	289,115	686,237	397,122	15,662
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	19	76	251	69	123	230	1,563	3,904	2,341	165
.20 to .29.....	42	369	1,394	325	648	1,233	5,749	10,088	4,339	597
.30 to .39.....	38	3,346	11,861	2,988	6,338	10,186	31,716	190,425	158,709	1,677
.40 to .49.....	37	4,908	17,683	4,231	8,796	14,139	40,318	73,204	32,886	2,171
.50 to .59.....	55	4,083	17,244	3,469	7,308	13,107	30,668	65,619	34,951	1,960
.60 to .69.....	62	9,273	34,600	7,828	16,035	26,746	52,439	104,815	52,376	3,053
.70 to .79.....	56	12,407	46,548	10,701	21,508	36,994	63,415	115,406	51,991	2,795
.80 to .89.....	39	7,276	30,403	6,217	13,288	24,036	35,767	64,700	28,933	1,865
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2262.--FINISHING PLANTS, SYNTHETIC										
Total.....	197	16,185	74,297	13,650	29,296	57,615	114,825	210,568	95,743	3,607
Below .10.....	-	-	-	-	-	-	-	-	-	-
.10 to .19.....	}	38	2,046	9,133	1,691	3,623	6,748	22,076	43,091	21,015
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	37	2,440	11,043	1,948	4,227	7,997	20,335	41,884	21,549	376
.60 to .69.....	46	5,771	26,235	4,922	10,623	20,524	39,876	64,990	25,114	1,216
.70 to .79.....	31	2,717	12,186	2,407	5,206	10,227	16,315	28,221	11,906	313
.80 to .89.....	11	1,481	7,512	1,223	2,548	5,706	8,972	14,273	5,301	96
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2269.--FINISHING PLANTS, N.E.C.										
Total.....	178	9,236	40,399	7,928	15,714	29,986	73,159	206,920	134,173	4,652
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	16	747	2,587	692	1,380	2,129	12,022	26,819	15,317
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	10	299	1,176	270	528	979	3,442	8,984	5,825	85
.60 to .69.....	20	1,403	5,790	1,260	2,463	4,638	12,619	41,284	28,393	794
.70 to .79.....	42	2,149	9,302	1,886	3,748	6,981	16,701	45,997	29,286	1,321
.80 to .89.....	28	2,349	11,399	1,853	3,854	7,480	17,686	50,717	32,897	1,245
.90 and above.....	24	1,026	4,178	871	1,678	3,125	5,571	12,240	6,720	299
	16	655	2,961	569	1,068	2,215	3,479	8,747	5,247	231
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2271.--WOVEN CARPETS AND RUGS										
Total.....	64	13,357	63,018	11,013	23,443	47,042	120,004	312,473	192,991	4,151
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	21	5,650	25,333	4,875	10,970	20,628	74,127	179,790	108,347
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	}	23	4,406	21,205	3,767	7,715	16,016	34,930	89,638	56,089
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2272.--TUFTED CARPETS AND RUGS										
Total.....	181	19,854	80,470	17,188	36,359	61,312	259,343	801,804	551,826	11,512
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	20	2,579	11,594	2,132	5,050	8,488	68,875	202,269	137,872	3,454
.20 to .29.....	37	4,271	17,505	3,726	8,495	14,079	69,290	187,717	121,973	2,589
.30 to .39.....	25	4,316	17,087	3,830	8,188	13,957	49,487	160,475	113,251	1,339
.40 to .49.....	26	4,396	18,027	3,782	7,481	12,635	40,273	134,850	95,993	2,113
.50 to .59.....	}	40	3,378	12,888	2,958	5,616	9,607	22,243	85,162	61,853
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2279.--CARPETS AND RUGS, N.E.C.										
Total.....	104	2,445	8,878	2,145	4,068	6,815	15,595	29,585	14,262	462
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	23	502	2,079	417	813	1,503	7,969	11,657	3,934
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	33	1,007	3,280	922	1,691	2,659	2,930	8,665	5,737	93
.60 to .69.....	10	397	1,676	345	665	1,300	2,536	4,676	2,217	24
.70 to .79.....	13	339	1,286	284	554	880	1,696	3,574	1,833	44
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2281.--YARN MILLS, EXCEPT WOOL										
Total.....	317	61,647	208,091	58,177	117,894	184,789	363,177	1,067,043	708,014	34,706
Below .10.....	}	71	12,665	43,242	12,127	24,926	38,872	109,384	286,558	180,336
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	85	17,068	61,069	16,066	33,548	54,312	110,509	323,561	214,147
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	40	9,614	30,949	9,042	17,986	27,617	41,331	135,538	94,737	7,088
.90 and above.....	21	3,299	10,779	3,135	5,992	9,627	12,925	45,827	32,697	1,008
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 2269.--FINISHING PLANTS, N.E.C.											
Total.....	155	7,808	28,814	6,818	13,729	22,496	52,005	158,033	106,028	2,117	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	17	636	2,350	551	1,155	1,922	9,307	29,674	265	
.20 to .29.....		24	964	3,433	882	1,837	2,814	7,657	20,228	213	
.30 to .39.....		27	1,263	4,637	1,119	2,220	3,668	8,384	23,998	478	
.40 to .49.....		23	1,832	6,855	1,610	3,360	5,565	10,339	36,192	465	
.50 to .59.....	}	21	1,078	4,292	932	1,815	3,107	5,808	15,350	419	
.60 to .69.....		15	1,241	4,508	1,085	2,198	3,480	5,229	10,484	196	
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2271.--WOVEN CARPETS AND RUGS											
Total.....	69	18,151	74,395	14,969	30,267	55,053	128,444	335,536	207,092	5,854	
Below .10.....	}	22	5,159	20,200	4,581	9,681	16,611	60,153	131,012	1,537	
.10 to .19.....		27	6,475	28,792	5,150	10,185	20,036	46,756	110,423	1,987	
.20 to .29.....		}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.30 to .39.....			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.40 to .49.....	(*)		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.50 to .59.....	(*)		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.60 to .69.....	}	27	6,475	28,792	5,150	10,185	20,036	46,756	110,423	1,987	
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2272.--TUFTED CARPETS AND RUGS											
Total.....	92	11,528	36,313	9,880	19,532	26,936	108,846	317,639	208,793	8,007	
Below .10.....	}	19	2,062	6,545	1,734	3,790	5,104	39,013	111,033	1,954	
.10 to .19.....		24	4,131	14,064	3,532	6,996	10,464	41,169	109,480	3,007	
.20 to .29.....		29	4,230	11,940	3,786	7,139	8,970	24,727	78,542	53,815	
.30 to .39.....		}	20	1,105	3,764	828	1,607	2,398	3,937	18,584	223
.40 to .49.....	29		4,230	11,940	3,786	7,139	8,970	24,727	78,542	53,815	
.50 to .59.....	24		4,131	14,064	3,532	6,996	10,464	41,169	109,480	3,007	
.60 to .69.....	19		2,062	6,545	1,734	3,790	5,104	39,013	111,033	1,954	
.70 to .79.....	}	92	11,528	36,313	9,880	19,532	26,936	108,846	317,639	8,007	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2279.--CARPETS AND RUGS, N.E.C.											
Total.....	121	3,989	12,561	3,520	6,835	10,068	23,176	54,533	31,357	666	
Below .10.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....		13	92	271	84	187	223	1,198	2,681	1,483	
.20 to .29.....		14	504	1,574	450	915	1,301	4,821	10,439	5,618	
.30 to .39.....		10	176	476	159	293	410	1,048	2,278	1,230	
.40 to .49.....	}	29	1,795	6,011	1,612	3,190	4,967	10,648	26,811	16,163	
.50 to .59.....		16	503	1,435	441	812	1,102	2,174	4,151	1,977	
.60 to .69.....		11	600	2,036	502	947	1,454	2,527	5,607	3,080	
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2281.--YARN MILLS, EXCEPT WOOL											
Total.....		356	67,836	179,782	63,864	117,472	157,616	292,219	855,363	563,144	15,507
Below .10.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....		10	1,147	3,616	1,075	2,090	2,768	17,143	39,221	22,078	
.20 to .29.....		21	2,139	5,923	2,010	3,670	5,224	17,589	41,698	24,109	
.30 to .39.....		39	6,681	17,400	6,437	11,695	15,909	37,236	91,680	54,444	
.40 to .49.....	}	57	13,084	36,831	12,276	23,112	31,897	66,211	183,690	117,479	
.50 to .59.....		83	19,184	49,908	18,055	33,358	44,022	76,356	233,796	157,440	
.60 to .69.....		57	11,587	30,420	10,897	19,933	26,644	40,876	128,854	87,978	
.70 to .79.....		34	7,965	20,364	7,541	13,669	17,989	24,244	75,469	51,225	
.80 to .89.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2282.--THROWING AND WINDING MILLS										
Total.....	180	13,559	47,066	12,104	24,080	37,276	93,649	319,252	226,551	6,231
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	16	1,909	6,566	1,761	3,655	5,594	25,572	77,845	54,249	1,138
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	23	2,059	7,015	1,860	3,754	5,985	12,765	37,432	23,560	1,465
.60 to .69.....	28	2,507	8,790	2,197	4,313	6,650	13,635	65,791	51,464	434
.70 to .79.....	19	721	2,108	671	1,280	1,792	2,815	6,053	3,270	24
.80 to .89.....	15	1,372	4,238	1,287	2,483	3,734	4,998	21,125	15,997	484
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2283.--WOOL YARN MILLS										
Total.....	144	17,385	66,526	15,769	32,000	55,015	119,718	422,189	306,423	7,256
Below .10.....	28	4,853	17,788	4,466	9,133	15,112	49,515	163,063	118,090	3,395
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	26	3,320	13,506	3,010	6,371	11,204	24,414	89,590	65,636	1,395
.50 to .59.....	28	4,581	17,402	4,036	8,268	13,810	26,580	94,386	67,499	974
.60 to .69.....	17	1,392	6,057	1,282	2,539	5,019	8,216	23,700	15,062	635
.70 to .79.....	12	634	2,296	586	1,202	1,921	2,709	8,647	6,134	40
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2284.--THREAD MILLS										
Total.....	71	10,056	37,438	8,762	17,465	28,921	75,821	194,068	118,958	3,311
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	24	4,345	16,101	3,752	7,692	12,198	44,539	102,174	58,871	2,031
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	20	2,036	8,475	1,747	3,576	6,006	15,382	41,699	26,626	576
.60 to .69.....	13	3,008	10,471	2,716	5,205	8,939	13,150	41,948	28,209	659
.70 to .79.....										
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2291.--FELT GOODS, N.E.C.										
Total.....	36	4,952	27,011	4,042	8,658	20,016	58,625	133,998	75,969	1,791
Below .10.....	18	2,117	12,375	1,645	3,771	8,956	34,375	82,462	48,629	868
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	18	2,835	14,636	2,397	4,887	11,060	24,250	51,536	27,340	923
.50 to .59.....										
.60 to .69.....										
.70 to .79.....	14	730	2,915	664	1,323	2,564	3,449	5,905	2,309	59
.80 to .89.....										
.90 and above.....										
INDUSTRY 2292.--LACE GOODS										
Total.....	152	4,912	19,749	4,265	8,094	15,996	31,472	53,046	21,994	538
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	27	785	3,472	712	1,337	2,951	8,999	15,388	6,458	89
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	29	895	3,019	726	1,279	2,305	5,492	9,563	3,961	135
.60 to .69.....	31	1,178	4,917	1,005	1,952	3,721	7,475	11,728	4,780	81
.70 to .79.....	18	859	3,515	732	1,475	2,778	4,695	6,872	2,248	52
.80 to .89.....	14	730	2,915	664	1,323	2,564	3,449	5,905	2,309	59
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)	
		Total	Payroll	Total	Man-hours	Wages					
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)					
INDUSTRY 2282.--THROWING AND WINDING MILLS											
Total.....	195	11,862	37,580	10,275	20,265	28,699	67,648	174,646	106,998	3,164	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	21	815	2,948	709	1,488	2,078	12,682	24,830	12,148	
.20 to .29.....		14	698	2,329	582	1,194	1,791	6,931	25,701	18,770	
.30 to .39.....		26	904	2,895	801	1,687	2,292	6,185	19,061	12,876	
.40 to .49.....		36	2,706	9,188	2,115	4,163	6,120	16,332	43,719	27,387	
.50 to .59.....	}	26	2,012	6,661	1,740	3,193	5,068	10,261	22,818	12,557	
.60 to .69.....		22	1,518	4,145	1,396	2,695	3,479	5,448	16,181	10,733	
.70 to .79.....		14	1,023	3,055	948	1,997	2,563	3,571	8,378	4,807	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....											
INDUSTRY 2283.--WOOL YARN MILLS											
Total.....	150	15,977	54,202	14,675	29,057	45,078	91,212	273,584	182,372	5,149	
Below .10.....	-	-	-	-	-	-	-	-	-	-	
.10 to .19.....	}	28	2,698	9,003	2,483	5,121	7,531	24,588	66,994	42,406	
.20 to .29.....		25	3,261	11,833	2,955	5,808	9,748	21,980	65,608	43,628	
.30 to .39.....		29	4,447	15,511	4,072	8,177	12,567	24,060	75,422	51,362	
.40 to .49.....		22	2,571	8,456	2,389	4,585	7,240	11,438	31,076	19,638	
.50 to .59.....	}	14	1,077	3,314	1,025	1,994	2,901	3,978	10,107	6,129	
.60 to .69.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
INDUSTRY 2284.--THREAD MILLS											
Total.....	87	11,529	36,478	10,023	19,083	27,893	64,809	178,186	113,377	1,819	
Below .10.....	}	26	3,122	10,062	2,686	34,392	7,550	28,145	71,152	43,007	
.10 to .19.....		10	1,294	4,333	1,099	2,025	3,152	8,077	25,849	17,772	
.20 to .29.....		13	2,533	8,481	2,188	4,194	6,340	13,553	32,680	19,127	
.30 to .39.....		18	3,061	9,074	2,718	4,961	7,325	11,111	32,840	21,729	
.40 to .49.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
INDUSTRY 2291.--FELT GOODS, N.E.C.											
Total.....	66	4,573	21,268	3,625	7,704	15,355	44,443	95,435	50,992	1,099	
Below .10.....	}	32	2,225	10,588	1,736	3,718	7,579	26,924	57,704	30,780	
.10 to .19.....		}	34	2,348	10,680	1,889	3,986	7,776	17,519	37,731	20,212
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....	}										
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
INDUSTRY 2292.--LACE GOODS											
Total.....	208	6,689	25,764	5,776	10,406	19,452	34,247	63,282	29,035	1,194	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	11	32	107	29	47	97	488	918	430	
.20 to .29.....		18	133	536	116	217	424	1,572	2,890	1,318	
.30 to .39.....		18	346	1,362	318	597	1,233	2,975	5,201	2,226	
.40 to .49.....		20	478	1,747	395	714	1,330	3,099	6,610	3,511	
.50 to .59.....	}	33	1,256	4,968	1,081	2,007	3,806	7,628	11,039	3,411	
.60 to .69.....		29	1,142	4,028	1,033	1,966	3,226	5,492	9,592	4,100	
.70 to .79.....		17	1,523	5,668	1,262	2,097	3,847	6,651	11,282	4,431	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....											

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 2293.--PADDING AND UPHOLSTERY FILLING											
Total.....	183	6,932	33,651	5,718	12,036	25,156	65,588	156,539	91,083	1,934	
Below .10.....	}	13	170	861	144	329	682	4,197	7,096	2,873	62
.10 to .19.....		25	568	2,697	466	1,003	1,979	7,718	16,939	9,342	91
.20 to .29.....		49	1,434	7,084	1,199	2,663	5,322	15,897	37,042	21,158	353
.30 to .39.....		45	3,375	15,904	2,832	5,812	12,265	29,010	69,792	40,860	1,235
.40 to .49.....	}	15	498	2,540	377	800	1,720	3,989	10,302	6,266	74
.50 to .59.....		14	538	2,774	438	875	2,106	3,663	10,483	6,822	65
.60 to .69.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2294.--PROCESSED TEXTILE WASTE											
Total.....	141	4,240	17,845	3,589	7,619	12,869	30,961	87,482	57,948	1,215	
Below .10.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....		12	72	328	59	117	246	1,411	2,270	996	10
.20 to .29.....		13	368	1,470	320	651	1,088	4,253	11,872	7,684	78
.30 to .39.....		36	730	2,757	639	1,433	2,176	6,203	13,690	7,555	317
.40 to .49.....	}	28	663	3,063	530	1,125	1,928	4,749	11,344	11,773	366
.50 to .59.....		16	946	4,184	776	1,599	2,858	6,340	15,171	8,720	265
.60 to .69.....		14	443	1,752	389	772	1,341	2,205	3,786	1,835	61
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2295.--COATED FABRIC, NOT RUBBERIZED											
Total.....	162	13,705	89,235	10,240	22,067	58,844	179,307	435,743	257,998	12,396	
Below .10.....	}	13	291	1,538	228	503	1,152	6,170	14,753	8,162	555
.10 to .19.....		26	2,117	14,472	1,494	3,209	8,969	41,640	96,457	55,376	3,942
.20 to .29.....		40	4,526	30,270	3,583	7,802	22,121	66,573	149,797	83,355	4,716
.30 to .39.....		26	3,149	20,037	2,240	4,932	12,580	37,490	91,545	55,385	1,754
.40 to .49.....	}	20	1,168	5,959	898	1,848	3,832	9,223	23,181	13,807	468
.50 to .59.....		13	1,580	11,307	1,153	2,407	6,914	14,184	35,236	21,714	569
.60 to .69.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2296.--TIRE CORD AND FABRIC											
Total.....	20	9,163	35,139	8,347	16,388	30,041	72,267	375,689	303,588	3,010	
Below .10.....	}	10	4,990	19,557	4,561	9,225	16,895	48,594	220,909	173,683	2,532
.10 to .19.....		10	4,173	15,582	3,786	7,163	13,146	23,673	154,780	129,905	478
.20 to .29.....		10	4,173	15,582	3,786	7,163	13,146	23,673	154,780	129,905	478
.30 to .39.....		10	4,173	15,582	3,786	7,163	13,146	23,673	154,780	129,905	478
.40 to .49.....	}	10	4,173	15,582	3,786	7,163	13,146	23,673	154,780	129,905	478
.50 to .59.....		10	4,173	15,582	3,786	7,163	13,146	23,673	154,780	129,905	478
.60 to .69.....		10	4,173	15,582	3,786	7,163	13,146	23,673	154,780	129,905	478
.70 to .79.....		10	4,173	15,582	3,786	7,163	13,146	23,673	154,780	129,905	478
.80 to .89.....	}	10	4,173	15,582	3,786	7,163	13,146	23,673	154,780	129,905	478
.90 and above.....		10	4,173	15,582	3,786	7,163	13,146	23,673	154,780	129,905	478
INDUSTRY 2297.--SCOURING AND COMBING PLANTS											
Total.....	69	5,798	24,749	5,171	10,615	19,812	45,402	119,918	75,629	3,335	
Below .10.....	}	20	1,680	6,525	1,483	3,043	5,142	19,195	63,356	44,517	968
.10 to .19.....		21	2,840	12,116	2,614	5,339	10,198	18,941	23,404	4,461	2,185
.20 to .29.....		16	939	4,701	776	1,618	3,362	6,059	15,050	19,469	104
.30 to .39.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.40 to .49.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.50 to .59.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.60 to .69.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new		
		Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)		
INDUSTRY 2293.--PADDING AND UPHOLSTERY FILLING												
Total.....	196	7,139	29,510	5,854	11,626	20,767	57,303	139,565	82,262	2,372		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	}	22	244	798	211	402	652	4,235	9,937	5,702	125	
.20 to .29.....		29	909	3,230	790	1,556	2,393	9,026	19,163	10,137	126	
.30 to .39.....		47	2,303	9,432	1,855	3,782	6,773	20,689	45,486	24,797	1,128	
.40 to .49.....		20	1,060	4,990	866	1,689	3,335	9,237	22,916	13,679	318	
.50 to .59.....	}	26	975	4,682	796	1,596	3,095	7,134	18,708	11,574	313	
.60 to .69.....		17	737	2,935	607	1,174	2,241	3,632	10,555	6,923	171	
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
INDUSTRY 2294.--PROCESSED TEXTILE WASTE												
Total.....	183	4,607	17,038	3,811	7,684	11,775	31,100	93,459	62,359	929		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	}	29	278	1,050	249	486	894	5,142	7,956	2,814	153	
.20 to .29.....		22	459	1,491	359	694	924	4,029	16,505	12,476	69	
.30 to .39.....		24	722	2,373	628	1,235	1,757	5,233	17,096	11,863	98	
.40 to .49.....		22	895	3,376	759	1,545	2,335	6,124	17,722	11,598	299	
.50 to .59.....	}	23	692	2,682	566	1,158	1,843	4,033	11,630	7,597	105	
.60 to .69.....		31	651	2,550	532	1,067	1,727	3,366	7,921	4,555	96	
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
INDUSTRY 2295.--COATED FABRIC, NOT RUBBERIZED												
Total.....	126	10,182	53,980	7,196	15,405	33,761	100,420	246,616	146,196	8,576		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	}	12	164	731	111	240	456	2,863	6,655	3,792	201	
.20 to .29.....		14	1,323	6,120	863	1,824	4,098	17,116	40,888	23,772	664	
.30 to .39.....		20	2,393	13,375	1,685	3,581	8,402	29,858	63,782	33,924	1,687	
.40 to .49.....		23	2,049	11,490	1,456	3,121	6,994	20,312	49,073	28,761	777	
.50 to .59.....	}	15	2,134	11,558	1,560	3,457	7,290	17,952	44,832	26,880	860	
.60 to .69.....		23	1,501	7,325	1,125	2,400	4,727	9,304	28,747	19,443	720	
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
INDUSTRY 2296.--TIRE CORD AND FABRIC												
Total.....	23	12,214	36,063	11,322	20,960	32,233	69,844	375,790	305,946	6,029		
Below .10.....	}	10	4,765	13,865	4,446	8,076	12,193	35,193	158,775	123,582	2,313	
.10 to .19.....		}	13	7,449	22,198	6,876	12,884	20,040	34,651	217,015	182,364	3,716
.20 to .29.....												
.30 to .39.....												
.40 to .49.....												
.50 to .59.....	}	13	7,449	22,198	6,876	12,884	20,040	34,651	217,015	182,364	3,716	
.60 to .69.....												
.70 to .79.....												
.80 to .89.....												
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2297.--SCOURING AND COMBING PLANTS												
Total.....	81	6,075	22,663	5,392	11,196	17,904	36,073	87,507	51,404	1,175		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	}	19	1,150	4,145	1,032	2,214	3,379	13,160	33,522	20,302	172	
.20 to .29.....		}	14	1,393	5,270	1,205	2,421	4,039	8,614	23,257	14,043	303
.30 to .39.....												
.40 to .49.....												
.50 to .59.....												
.60 to .69.....	}	14	1,393	5,270	1,205	2,421	4,039	8,614	23,257	14,043	303	
.70 to .79.....												
.80 to .89.....												
.90 and above.....												

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 2298.--CORDAGE AND TWINE											
Total.....	167	8,920	34,524	7,704	14,835	26,590	57,614	149,331	91,405	2,689	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	15	307	1,090	267	519	875	4,174	9,112	4,982	110	
.20 to .29.....		12	455	1,750	413	775	1,455	4,819	9,813	5,017	229
.30 to .39.....		22	1,305	4,915	1,192	2,277	4,196	10,711	28,635	19,415	635
.40 to .49.....		34	1,771	7,152	1,537	3,045	5,502	12,991	32,903	19,867	852
.50 to .59.....	17	1,735	6,059	1,467	2,844	4,729	9,156	20,592	11,183	133	
.60 to .69.....		23	1,873	7,286	1,630	3,049	5,457	9,421	26,328	16,363	293
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2299.--TEXTILE GOODS, N.E.C.											
Total.....	137	7,283	34,858	5,823	11,665	22,925	78,746	169,770	91,606	5,284	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	14	629	3,359	490	1,037	2,384	17,635	28,361	10,918	683	
.20 to .29.....		27	1,249	5,510	1,058	2,027	3,869	16,255	32,842	16,360	320
.30 to .39.....		16	909	4,467	738	1,501	3,035	10,244	20,868	10,990	359
.40 to .49.....		21	1,987	9,276	1,602	3,163	6,278	17,754	43,635	26,335	3,406
.50 to .59.....	17	1,436	7,459	1,014	2,052	4,026	10,934	27,496	16,221	231	
.60 to .69.....		16	906	4,045	781	1,628	2,790	5,293	14,092	8,989	195
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2311.--MEN'S AND BOYS' SUITS AND COATS											
Total.....	1,112	122,679	494,240	109,045	198,628	398,071	831,910	1,526,019	715,105	6,856	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	38	2,366	9,843	2,129	3,040	7,822	59,865	78,703	29,066	183	
.20 to .29.....	51	3,322	13,291	2,630	4,929	8,983	51,616	101,921	50,820	180	
.30 to .39.....	78	3,568	17,535	2,346	4,302	8,805	51,454	168,826	118,770	520	
.40 to .49.....	146	12,125	47,706	10,319	18,402	36,641	105,149	228,670	128,056	1,162	
.50 to .59.....	133	18,407	73,336	15,951	29,326	59,055	132,368	243,248	112,411	904	
.60 to .69.....	122	18,817	83,539	16,514	31,298	64,639	128,255	251,806	127,572	1,055	
.70 to .79.....	146	21,701	92,090	19,849	36,371	76,358	124,145	190,639	67,837	1,030	
.80 to .89.....	174	27,479	100,190	26,033	47,287	90,586	118,620	138,533	20,108	1,194	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2321.--MEN'S DRESS SHIRTS AND NIGHTWEAR											
Total.....	832	112,926	316,331	104,022	191,629	273,764	599,423	1,295,079	712,859	8,770	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	27	1,687	7,527	1,280	2,337	3,839	49,060	129,272	82,086	124	
.20 to .29.....	44	6,783	22,788	5,638	10,085	15,153	90,643	262,147	177,028	729	
.30 to .39.....	49	8,723	25,397	8,046	14,063	21,187	73,650	145,843	75,168	1,242	
.40 to .49.....	63	9,018	29,950	7,903	15,114	23,749	66,950	153,133	90,565	1,053	
.50 to .59.....	125	11,735	35,493	10,562	19,582	28,809	64,618	147,387	85,828	734	
.60 to .69.....	86	11,460	31,522	10,647	19,654	27,246	48,275	99,444	53,082	515	
.70 to .79.....	129	20,080	55,906	19,048	35,179	49,498	74,391	111,975	38,701	1,376	
.80 to .89.....	132	27,865	75,573	26,287	48,757	66,504	89,347	149,149	58,071	2,009	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2322.--MEN'S AND BOYS' UNDERWEAR											
Total.....	80	12,084	32,566	11,305	20,826	28,130	63,186	134,949	74,905	1,087	
Below .10.....	20	3,692	9,781	2,489	6,582	8,717	30,796	56,347	28,221	557	
.10 to .19.....		26	4,142	10,753	3,877	7,221	9,367	18,609	45,996	28,392	240
.20 to .29.....		11	1,393	4,227	1,275	2,199	3,452	5,720	12,560	7,109	75
.30 to .39.....		10	1,645	4,073	1,537	2,767	3,510	4,756	8,292	3,373	94
.40 to .49.....	10	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.50 to .59.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.60 to .69.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....	10	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 2298.--CORDAGE AND TWINE											
Total.....	147	9,583	33,134	8,187	15,550	24,662	65,106	141,579	76,473	1,632	
Below .10.....	-	-	-	-	-	-	-	-	-	-	
.10 to .19.....	}	17	421	1,371	364	670	1,051	5,250	10,182	4,932	113
.20 to .29.....		24	1,451	4,411	1,316	2,370	3,658	11,952	23,144	11,192	432
.30 to .39.....		32	2,636	9,322	2,209	4,249	6,810	20,703	41,634	20,931	636
.40 to .49.....		20	1,659	5,018	1,461	2,796	4,102	9,236	20,340	11,104	181
.50 to .59.....	}	18	1,388	5,658	1,188	2,305	3,881	8,720	22,097	13,377	89
.60 to .69.....		16	1,649	6,187	1,322	2,569	4,270	8,287	21,090	12,803	160
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2299.--TEXTILE GOODS, N.E.C.											
Total.....	138	7,862	32,505	5,964	11,749	20,448	60,841	134,623	73,782	4,017	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	13	634	2,549	456	951	1,766	12,080	20,845	8,765	400
.20 to .29.....		11	270	1,192	214	450	867	3,653	8,735	5,082	491
.30 to .39.....		17	1,195	4,985	976	1,874	3,237	10,735	24,035	13,300	544
.40 to .49.....		20	1,875	8,459	1,293	2,394	4,196	15,865	29,553	13,688	804
.50 to .59.....	}	18	1,530	5,744	1,351	2,672	4,627	9,011	18,159	9,148	397
.60 to .69.....		14	892	3,450	775	1,619	2,694	4,184	12,232	8,048	262
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2311.--MEN'S AND BOYS' SUITS AND COATS ⁵											
Total.....	1,365	122,205	407,986	107,215	184,782	321,525	642,510	1,295,362	652,852	4,906	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	51	873	3,563	512	888	1,884	21,953	45,075	23,122	194	
.20 to .29.....	83	2,331	8,604	1,590	2,705	4,995	31,906	92,725	60,819	132	
.30 to .39.....	113	3,751	13,458	3,030	5,333	9,713	38,331	99,172	60,841	443	
.40 to .49.....	103	8,958	32,603	7,228	12,058	21,992	70,942	190,791	119,849	493	
.50 to .59.....	139	9,658	31,886	8,167	14,334	23,375	58,107	131,887	73,780	343	
.60 to .69.....	164	19,029	66,443	16,612	29,783	51,471	100,649	202,972	102,323	747	
.70 to .79.....	198	29,970	104,601	26,544	46,237	81,665	141,241	235,436	94,195	1,096	
.80 to .89.....	235	30,169	91,157	28,095	47,450	81,387	107,124	152,726	45,602	660	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2321.--MEN'S DRESS SHIRTS AND NIGHTWEAR ⁵											
Total.....	891	103,948	254,873	94,919	169,536	210,913	423,100	969,902	546,802	5,687	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	45	891	3,385	617	1,204	1,717	22,852	78,922	56,070	86	
.20 to .29.....	59	3,429	10,272	2,690	4,615	6,121	39,499	121,124	81,625	284	
.30 to .39.....	54	4,758	12,960	4,023	7,062	9,262	37,235	114,044	76,809	631	
.40 to .49.....	48	7,811	20,137	7,008	11,267	16,116	45,391	110,999	65,608	715	
.50 to .59.....	93	8,004	20,943	7,115	12,355	15,620	37,247	112,861	75,614	285	
.60 to .69.....	105	14,369	35,105	13,106	24,196	28,161	54,307	120,677	66,370	506	
.70 to .79.....	143	19,612	47,558	18,298	33,167	41,814	63,688	118,087	54,399	672	
.80 to .89.....	167	25,382	58,729	24,002	43,107	52,626	69,774	99,635	29,861	1,414	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2322.--MEN'S AND BOYS' UNDERWEAR ⁵											
Total.....	90	11,037	26,650	9,939	17,452	21,958	41,732	102,681	60,949	441	
Below .10.....	-	-	-	-	-	-	-	-	-	-	
.10 to .19.....	}	18	2,464	5,518	2,284	3,725	4,623	15,250	30,203	14,453	91
.20 to .29.....		20	3,207	7,621	2,910	4,997	6,447	12,867	31,673	18,806	97
.30 to .39.....		16	2,207	5,601	2,055	3,911	4,824	7,291	21,343	14,052	147
.40 to .49.....		12	1,926	4,852	796	1,461	1,736	2,294	3,242	948	20
.50 to .59.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.60 to .69.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2323.--MEN'S AND BOYS' NECKWEAR										
Total.....	341	8,385	30,875	6,872	11,959	20,632	58,136	121,313	62,745	504
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	32	442	1,462	356	642	932	6,083	11,920	5,725	37
.20 to .29.....		637	1,953	531	893	1,437	5,401	11,932	6,481	40
.30 to .39.....	68	2,285	8,202	1,815	3,238	5,482	18,705	37,896	19,405	159
.40 to .49.....	56	1,308	5,608	1,026	1,649	3,031	10,319	22,946	12,624	102
.50 to .59.....	44	1,075	4,227	889	1,572	2,829	6,468	13,348	6,892	42
.60 to .69.....	28	1,242	4,923	1,014	1,772	3,337	6,576	12,769	5,824	52
.70 to .79.....	19	693	2,160	634	1,105	1,820	2,552	4,631	2,066	49
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2327.--SEPARATE TROUSERS										
Total.....	735	73,848	224,371	67,938	126,369	186,406	383,134	824,224	450,018	6,215
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	21	922	3,905	565	1,163	1,657	25,745	84,551	60,444	123
.20 to .29.....	43	3,134	10,395	2,839	5,713	8,519	40,986	121,068	81,870	211
.30 to .39.....	51	2,285	7,767	1,987	3,667	5,599	22,186	56,789	35,171	214
.40 to .49.....	108	7,097	21,363	6,504	12,654	17,799	47,775	112,043	64,767	703
.50 to .59.....	68	9,843	32,502	8,885	16,609	24,865	60,840	131,723	75,472	1,831
.60 to .69.....	84	11,039	33,706	9,953	18,486	26,646	52,418	112,844	60,965	656
.70 to .79.....	119	16,187	47,993	15,127	27,468	41,864	63,391	92,204	29,119	1,060
.80 to .89.....	103	15,093	43,072	14,356	26,612	38,760	50,972	68,511	17,393	949
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2328.--WORK CLOTHING										
Total.....	439	62,477	179,612	57,580	105,308	149,811	330,653	824,710	500,719	5,839
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	31	3,876	13,328	3,219	5,908	9,068	56,563	169,396	120,972	1,294
.20 to .29.....		6,101	17,486	5,541	10,131	14,294	49,047	113,919	66,703	936
.30 to .39.....	29	6,775	18,982	6,422	11,321	16,899	42,829	86,371	44,136	452
.40 to .49.....	66	8,433	23,905	7,569	13,966	19,415	43,581	132,890	88,681	662
.50 to .59.....	52	6,818	19,522	6,301	11,795	16,100	30,036	69,843	40,830	1,014
.60 to .69.....	54	8,178	22,677	7,598	13,576	19,370	30,374	60,458	30,161	374
.70 to .79.....	79	12,183	33,819	11,592	21,266	30,083	40,243	65,144	24,516	546
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2329.--MEN'S AND BOYS' CLOTHING, N.E.C.										
Total.....	554	35,917	115,722	32,293	57,102	92,813	183,224	397,551	217,158	2,827
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	23	830	3,136	711	1,289	2,382	15,225	43,897	29,868	211
.20 to .29.....		1,021	3,882	830	1,440	2,421	11,126	30,993	20,207	58
.30 to .39.....	49	2,596	8,581	2,336	4,128	7,204	18,824	40,089	22,103	236
.40 to .49.....	88	4,430	14,784	3,900	6,955	11,380	26,709	62,707	35,982	316
.50 to .59.....	105	7,484	25,006	6,695	11,989	19,745	38,461	79,878	42,138	706
.60 to .69.....	92	9,104	28,392	8,404	14,925	23,200	37,764	70,392	32,952	567
.70 to .79.....	58	5,479	16,526	4,932	8,564	14,126	19,609	28,356	9,408	427
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2331.--BLOUSES										
Total.....	1,175	57,595	177,929	52,099	92,742	145,617	300,525	610,185	312,739	4,418
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	27	430	2,578	267	538	1,322	16,895	51,831	35,460	94
.20 to .29.....	54	1,581	6,869	1,169	2,083	3,802	26,859	77,902	51,936	173
.30 to .39.....	45	1,475	6,268	1,183	2,117	3,475	16,936	48,680	32,450	140
.40 to .49.....	219	5,472	21,304	4,503	8,022	13,762	47,330	122,397	75,438	600
.50 to .59.....	102	3,767	13,342	3,338	6,004	10,454	27,491	55,004	30,838	272
.60 to .69.....	172	9,144	26,354	8,337	14,746	21,940	40,463	69,430	30,029	1,021
.70 to .79.....	235	14,822	40,935	14,120	24,716	37,447	54,636	67,828	13,520	937
.80 to .89.....	180	13,082	37,041	12,185	21,541	33,473	44,022	49,349	5,221	727
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 2323.--MEN'S AND BOYS' NECKWEAR ⁵											
Total.....	362	7,734	26,835	6,177	10,786	17,538	48,938	102,405	53,467	584	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	17	70	217	43	71	96	1,585	2,962	1,377	5	
.20 to .29.....	42	321	985	234	373	558	3,936	7,994	4,058	59	
.30 to .39.....	44	1,018	3,362	814	1,367	2,120	9,395	17,368	7,973	94	
.40 to .49.....	46	673	2,278	547	950	1,569	5,016	10,333	5,317	54	
.50 to .59.....	54	1,381	4,353	1,073	1,938	2,850	7,902	17,018	9,116	139	
.60 to .69.....	54	1,657	6,894	1,295	2,214	4,083	10,496	22,397	11,901	36	
.70 to .79.....	25	858	3,320	749	1,359	2,345	4,432	10,064	5,632	47	
.80 to .89.....	27	1,012	3,157	833	1,514	2,439	3,773	7,022	3,249	43	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2327.--SEPARATE TROUSERS ⁵											
Total.....	748	51,632	134,027	47,229	85,290	109,510	209,050	452,414	243,364	4,366	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	56	527	1,396	407	738	980	9,290	23,623	14,333	118	
.20 to .29.....	44	403	1,398	212	383	503	5,904	17,027	11,123	57	
.30 to .39.....	58	1,985	5,829	1,618	3,041	3,646	16,619	51,923	35,304	194	
.40 to .49.....	59	3,302	8,754	2,915	4,915	6,407	19,278	47,697	28,419	139	
.50 to .59.....	82	4,712	12,519	4,297	7,884	10,436	22,494	48,864	26,370	328	
.60 to .69.....	97	9,255	25,558	8,330	16,033	20,306	39,460	87,078	47,618	1,134	
.70 to .79.....	105	10,369	27,511	9,681	17,583	23,262	36,980	63,041	26,061	477	
.80 to .89.....	109	13,639	32,826	13,044	23,031	29,232	38,616	59,570	20,954	517	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2328.--WORK CLOTHING											
Total.....	500	64,780	154,834	59,328	104,481	132,570	255,481	689,819	434,338	3,452	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	20	1,849	4,359	1,621	2,564	3,032	24,031	59,613	35,582	58
.20 to .29.....		33	3,210	8,828	2,926	5,438	7,407	25,199	91,181	65,982	213
.30 to .39.....		33	4,798	11,610	4,383	7,570	10,070	25,668	64,780	39,112	301
.40 to .49.....		61	10,432	26,193	9,523	17,185	22,626	47,790	138,280	90,490	850
.50 to .59.....		87	10,897	26,625	9,699	17,607	22,313	40,941	125,473	84,532	390
.60 to .69.....		73	11,858	27,700	10,763	18,779	23,545	36,915	95,583	58,668	657
.70 to .79.....		88	11,257	25,763	10,533	18,294	23,105	30,651	52,559	21,908	561
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2329.--MEN'S AND BOYS' CLOTHING, N.E.C.											
Total.....	539	32,392	93,119	28,606	52,439	73,847	149,951	365,963	216,012	2,359	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	13	67	188	36	64	84	1,487	5,351	3,864	19	
.20 to .29.....	55	756	3,126	303	533	779	12,160	60,437	48,277	300	
.30 to .39.....	28	899	2,788	722	1,277	1,729	8,195	21,793	13,598	105	
.40 to .49.....	35	1,544	5,174	1,173	2,209	3,163	11,252	37,945	26,693	100	
.50 to .59.....	72	5,361	14,395	4,845	8,567	11,920	25,974	59,974	34,000	220	
.60 to .69.....	89	7,807	23,356	6,918	12,871	18,548	36,122	81,834	45,712	459	
.70 to .79.....	76	6,078	16,885	5,476	10,245	14,046	22,623	43,595	20,972	397	
.80 to .89.....	68	5,047	13,820	4,759	8,768	12,213	16,409	23,265	6,856	373	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2331.--WOMEN'S AND MISSES' BLOUSES ⁵											
Total.....	1,260	47,484	125,581	41,867	72,572	98,251	200,164	454,103	253,939	2,277	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	29	375	1,355	227	405	584	9,112	28,452	19,340	43	
.20 to .29.....	40	946	3,411	506	933	1,628	13,362	51,789	38,447	73	
.30 to .39.....	49	1,163	4,432	655	1,158	1,883	12,759	42,766	30,007	26	
.40 to .49.....	70	1,842	6,970	1,391	2,514	3,967	15,413	51,266	35,853	80	
.50 to .59.....	116	5,204	15,591	4,302	7,931	10,462	28,225	53,737	28,333	249	
.60 to .69.....	220	7,709	19,890	6,895	11,696	15,482	30,514	58,847	28,333	410	
.70 to .79.....	267	10,328	25,044	9,596	16,572	22,204	33,501	44,996	11,445	600	
.80 to .89.....	235	13,351	32,337	12,530	21,416	28,591	38,304	48,985	10,681	435	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 2335.--DRESSES											
Total.....	4,752	200,003	686,818	177,149	306,261	543,656	1,180,883	2,410,972	1,233,301	12,699	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	90	1,795	9,757	993	1,873	4,530	60,662	157,984	98,956	597	
.20 to .29.....	184	4,802	26,018	3,160	5,821	13,712	103,558	285,168	181,666	569	
.30 to .39.....	216	7,511	39,032	5,522	9,928	22,433	111,633	302,726	193,802	1,092	
.40 to .49.....	911	27,825	91,095	22,599	40,936	65,054	201,347	448,597	246,896	3,867	
.50 to .59.....	363	13,916	62,311	11,032	19,470	40,752	112,619	273,507	161,775	800	
.60 to .69.....	508	25,043	88,196	22,650	39,590	70,725	135,882	255,107	119,176	1,439	
.70 to .79.....	772	41,058	126,740	38,231	64,313	109,317	168,234	251,238	83,254	1,647	
.80 to .89.....	896	46,197	138,835	43,929	73,776	126,704	164,074	190,161	25,656	1,289	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2337.--WOMEN'S SUITS, COATS, AND SKIRTS											
Total.....	2,516	88,332	361,001	75,472	133,604	271,450	637,869	1,522,725	886,963	12,334	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	67	879	4,287	571	1,069	2,157	26,331	88,507	62,874	253	
.20 to .29.....	133	3,001	15,343	2,240	4,170	9,648	61,700	165,657	105,666	511	
.30 to .39.....	159	5,859	31,876	3,549	6,690	15,278	91,340	288,904	199,321	731	
.40 to .49.....	545	13,362	51,727	10,463	18,651	34,503	116,494	320,512	204,001	5,083	
.50 to .59.....	208	8,156	39,103	6,652	12,273	27,687	71,230	183,633	112,726	1,072	
.60 to .69.....	300	11,339	48,265	9,925	17,153	36,581	73,926	165,431	90,623	1,215	
.70 to .79.....	340	15,323	56,125	14,000	24,197	46,022	74,202	118,046	44,047	1,034	
.80 to .89.....	379	17,959	66,890	16,847	29,790	59,798	79,078	96,257	16,628	1,065	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2339.--WOMEN'S OUTERWEAR, N.E.C.											
Total.....	1,297	59,536	200,246	51,407	93,972	151,362	340,462	785,958	443,180	7,015	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	25	461	2,239	330	720	1,403	14,276	48,765	34,202	109	
.20 to .29.....	46	1,344	5,688	747	1,333	2,603	23,206	93,543	71,207	346	
.30 to .39.....	77	2,749	10,739	2,173	4,140	6,675	30,537	67,876	38,190	345	
.40 to .49.....	217	9,358	28,870	7,572	13,681	20,560	62,063	137,844	74,574	1,380	
.50 to .59.....	181	7,196	27,329	5,977	11,125	19,163	49,982	118,169	69,588	694	
.60 to .69.....	156	9,086	32,544	7,897	14,678	24,109	50,067	101,180	50,893	733	
.70 to .79.....	184	10,237	30,682	9,529	17,034	26,248	40,735	63,731	23,691	1,705	
.80 to .89.....	156	10,521	31,668	9,687	18,111	27,503	37,725	61,699	22,738	612	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2341.--WOMEN'S AND CHILDREN'S UNDERWEAR											
Total.....	1,069	76,723	238,850	68,446	123,433	186,282	430,771	976,108	552,980	6,412	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	20	298	983	254	429	664	6,361	17,117	10,856	29	
.20 to .29.....	64	4,401	14,854	3,723	7,081	10,721	62,325	148,488	89,869	452	
.30 to .39.....	76	4,508	15,812	3,685	6,797	10,304	45,055	134,547	91,947	537	
.40 to .49.....	108	7,683	25,493	6,515	11,389	17,630	56,146	152,430	98,357	683	
.50 to .59.....	214	11,941	37,853	10,152	18,325	26,957	69,167	164,782	97,009	1,402	
.60 to .69.....	145	11,875	38,038	10,754	19,172	29,850	58,797	122,596	64,012	782	
.70 to .79.....	152	12,704	37,967	11,684	21,024	31,928	50,314	84,168	33,759	770	
.80 to .89.....	108	11,796	34,099	10,976	20,101	29,276	40,484	61,583	20,689	1,034	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2342.--CORSETS AND ALLIED GARMENTS											
Total.....	351	37,144	139,907	31,394	56,746	95,726	310,150	593,912	291,531	3,514	
Below .10.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....		20	4,114	14,585	3,643	6,864	11,403	70,473	126,572	57,174	560
.20 to .29.....		29	5,791	31,357	3,478	6,030	12,543	91,228	193,476	105,893	672
.30 to .39.....		30	4,002	17,143	3,419	6,332	11,458	39,736	72,541	33,515	311
.40 to .49.....		81	5,875	20,180	5,153	9,119	14,482	36,202	78,821	44,032	432
.50 to .59.....		60	4,937	17,992	4,302	8,003	13,322	27,378	54,089	27,597	485
.60 to .69.....		43	5,028	15,931	4,642	8,090	13,350	20,882	33,352	12,718	376
.70 to .79.....		27	3,130	10,533	2,877	5,223	8,616	12,592	20,615	7,835	163
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)				
INDUSTRY 2335.--WOMEN'S AND MISSES' DRESSES										
Total.....	4,653	184,717	587,976	160,972	279,895	451,817	970,963	2,043,422	1,072,459	9,436
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	179	1,805	7,129	1,027	1,853	3,602	48,906	115,429	66,523	1,127
.20 to .29.....	185	4,953	20,338	3,647	6,701	12,227	81,592	220,429	138,837	534
.30 to .39.....	251	7,870	32,094	5,580	10,281	12,281	91,378	263,036	171,658	698
.40 to .49.....	330	11,467	49,226	8,452	15,638	27,869	108,852	324,055	215,203	721
.50 to .59.....	386	16,984	65,104	13,937	24,370	43,289	118,163	315,449	197,286	946
.60 to .69.....	511	21,891	72,720	18,904	33,262	53,774	111,391	222,971	111,580	1,159
.70 to .79.....	918	41,207	118,825	37,819	64,426	100,795	157,377	227,535	70,158	1,213
.80 to .89.....	1,048	47,983	134,197	44,780	76,507	119,815	159,120	191,369	32,249	1,673
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2337.--WOMEN'S SUITS, COATS, AND SKIRTS ⁵										
Total.....	2,683	81,145	309,671	70,651	123,278	229,374	514,901	1,233,227	718,326	6,984
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	123	1,335	4,842	833	1,595	2,595	31,553	75,082	43,529	676
.20 to .29.....	148	2,322	9,066	1,475	2,289	4,435	35,445	115,890	80,445	493
.30 to .39.....	174	3,653	16,796	2,009	3,880	7,634	47,583	167,998	120,415	411
.40 to .49.....	187	4,922	22,191	3,382	5,912	11,523	48,626	153,544	104,918	295
.50 to .59.....	264	8,721	37,085	6,726	11,781	23,907	67,172	184,683	117,511	339
.60 to .69.....	320	10,619	42,381	8,952	16,119	31,481	65,716	144,684	78,968	601
.70 to .79.....	502	20,514	69,516	18,522	31,970	57,989	92,737	148,531	55,794	770
.80 to .89.....	420	18,069	60,350	16,686	28,947	52,658	71,429	98,065	26,636	553
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2339.--WOMEN'S OUTERWEAR, N.E.C.										
Total.....	1,167	44,146	132,013	37,696	68,999	96,918	229,368	509,569	280,201	3,577
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	53	361	927	249	380	456	6,363	13,236	6,873	144
.20 to .29.....	79	1,156	4,067	821	1,478	2,089	16,021	47,408	31,387	412
.30 to .39.....	85	2,953	12,036	2,227	4,283	6,794	32,343	78,903	46,560	315
.40 to .49.....	98	4,017	14,489	3,099	6,048	9,397	31,344	76,454	45,110	474
.50 to .59.....	145	6,509	20,909	5,287	9,676	13,656	38,042	96,980	58,938	552
.60 to .69.....	171	8,518	24,749	7,407	13,536	18,794	37,899	82,318	44,419	552
.70 to .79.....	187	7,995	21,490	7,236	12,886	18,227	28,814	45,145	16,331	409
.80 to .89.....	140	7,675	20,494	7,018	12,733	17,216	24,268	35,219	10,951	302
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2341.--WOMEN'S AND CHILDREN'S UNDERWEAR ⁵										
Total.....	1,231	73,547	199,652	65,008	116,788	154,780	347,705	814,721	467,016	5,404
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	79	916	2,545	707	1,224	1,688	18,703	42,689	23,986	347
.20 to .29.....	69	2,193	7,347	1,735	3,207	4,713	29,090	95,187	66,097	303
.30 to .39.....	73	4,098	11,493	3,521	6,291	8,275	32,275	83,255	50,980	213
.40 to .49.....	109	5,415	15,302	4,774	8,427	11,684	33,985	79,405	45,420	348
.50 to .59.....	166	12,118	34,804	10,426	18,785	25,509	62,310	156,506	94,196	736
.60 to .69.....	211	15,553	43,610	13,772	24,773	33,409	66,769	144,172	77,403	1,193
.70 to .79.....	198	13,419	34,851	12,117	21,570	28,248	46,577	92,259	45,382	987
.80 to .89.....	144	11,613	28,948	10,603	19,368	24,092	34,175	53,570	19,395	633
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2342.--CORSETS AND ALLIED GARMENTS ⁵										
Total.....	414	37,808	121,939	31,563	56,139	82,600	248,543	467,485	218,942	2,739
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	12	1,670	4,044	1,510	2,801	3,545	23,867	37,276	13,409	159
.20 to .29.....	17	2,636	9,084	2,045	3,699	6,365	35,320	76,859	41,599	270
.30 to .39.....	29	5,045	20,284	3,553	6,641	9,933	59,341	97,138	37,793	459
.40 to .49.....	38	2,346	8,258	1,867	3,211	5,199	17,826	44,503	24,777	306
.50 to .59.....	59	3,675	12,386	3,202	5,770	8,910	22,653	42,579	19,926	406
.60 to .69.....	71	6,854	24,446	5,735	10,243	16,058	37,835	79,793	41,958	272
.70 to .79.....	55	5,272	15,302	4,646	8,109	11,405	20,771	34,996	13,525	222
.80 to .89.....	59	6,616	16,609	6,026	10,411	14,025	19,667	26,709	7,042	402
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 2351.--MILLINERY											
Total.....	711	14,183	55,576	12,244	21,688	44,277	93,168	163,185	70,335	686	
Below .10.....	}	12	63	296	48	90	180	2,033	4,452	2,444	16
.10 to .19.....		40	385	994	335	538	788	3,868	5,153	1,355	18
.20 to .29.....		44	524	1,685	463	791	1,517	4,562	8,667	4,122	41
.30 to .39.....		171	2,494	8,417	2,153	3,844	6,714	18,112	30,664	12,562	177
.40 to .49.....		144	3,097	12,529	2,641	4,814	10,025	22,390	38,630	16,365	153
.50 to .59.....		108	2,833	12,365	2,452	4,288	9,852	19,092	32,356	13,389	142
.60 to .69.....		70	2,837	11,792	2,441	4,408	9,062	15,789	27,668	11,777	67
.70 to .79.....		29	962	3,703	871	1,444	3,040	4,434	8,077	3,672	24
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2352.--HATS AND CAPS											
Total.....	436	16,608	60,463	14,578	26,619	47,392	91,606	171,108	79,785	2,274	
Below .10.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....		23	300	1,020	261	511	774	4,681	7,089	2,455	24
.20 to .29.....		29	369	1,046	325	480	817	2,930	4,849	1,854	28
.30 to .39.....		35	760	2,653	684	1,164	2,320	5,810	11,351	5,605	94
.40 to .49.....		107	4,014	13,174	3,449	6,345	10,560	24,150	45,941	22,742	296
.50 to .59.....		76	3,913	14,215	3,536	6,390	11,319	21,939	39,150	17,328	477
.60 to .69.....		47	3,262	11,348	2,896	5,672	9,026	14,915	26,629	11,750	740
.70 to .79.....		25	2,311	9,780	2,026	3,705	7,463	11,621	21,242	9,223	452
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2361.--CHILDREN'S DRESSES AND BLOUSES											
Total.....	667	35,792	115,061	31,928	55,885	89,976	205,623	443,343	239,759	2,973	
Below .10.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....		11	161	909	85	157	435	5,941	16,272	10,629	103
.20 to .29.....		34	1,481	5,877	1,165	2,120	4,114	23,671	68,964	46,371	152
.30 to .39.....		32	2,069	7,001	1,832	3,284	5,159	19,844	46,932	27,366	71
.40 to .49.....		110	4,579	18,494	3,518	6,078	10,951	40,856	99,444	58,734	484
.50 to .59.....		69	3,674	13,386	3,090	5,706	9,181	24,515	61,909	37,286	593
.60 to .69.....		84	3,896	12,072	3,488	5,932	9,548	18,468	38,665	20,201	767
.70 to .79.....		104	8,108	23,350	7,686	13,282	20,723	30,867	42,706	11,916	339
.80 to .89.....		105	7,383	21,168	6,939	12,175	18,876	25,349	32,359	7,074	361
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2363.--CHILDREN'S COATS AND SUITS											
Total.....	285	11,848	42,986	10,395	18,562	32,899	72,735	162,929	88,895	1,106	
Below .10.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....		19	334	1,850	219	481	992	8,331	21,929	13,414	31
.20 to .29.....		12	410	1,570	272	506	925	4,656	16,747	12,212	84
.30 to .39.....		34	959	3,961	783	1,258	2,245	8,780	26,376	17,282	145
.40 to .49.....		57	2,187	7,647	1,884	3,481	6,006	14,125	29,292	14,907	188
.50 to .59.....		32	1,652	7,174	1,457	2,464	4,885	11,175	27,295	16,005	92
.60 to .69.....		42	2,528	8,464	2,361	4,234	7,379	11,244	16,445	5,159	200
.70 to .79.....		44	2,392	8,094	2,183	3,885	6,893	9,648	13,123	3,360	227
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2369.--CHILDREN'S OUTERWEAR, N.E.C.											
Total.....	624	34,244	107,012	30,355	56,051	84,383	188,344	419,551	233,292	2,795	
Below .10.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....		21	514	2,197	371	721	1,236	12,917	36,460	23,763	97
.20 to .29.....		34	1,150	4,222	864	1,704	2,615	16,227	43,820	27,705	126
.30 to .39.....		34	1,728	6,819	1,414	2,655	4,679	19,701	51,164	32,212	123
.40 to .49.....		57	2,596	9,174	2,285	4,203	6,632	20,206	53,103	33,010	244
.50 to .59.....		173	6,043	17,790	5,276	9,891	14,120	32,186	70,805	38,555	474
.60 to .69.....		84	4,667	15,001	4,258	7,892	12,054	23,144	42,097	19,270	534
.70 to .79.....		75	6,585	19,412	6,020	10,661	16,167	25,939	46,288	20,152	403
.80 to .89.....		65	7,552	22,632	6,716	12,282	18,378	26,648	42,928	16,941	434
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)
		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
INDUSTRY 2351.--MILLINERY ⁵										
Total.....	803	17,837	64,095	15,417	28,088	50,173	109,133	190,263	81,130	1,371
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	23	74	147	53	70	63	896	2,661	1,765	62
.20 to .29.....	54	769	2,286	635	1,118	1,795	8,517	13,646	5,129	122
.30 to .39.....	101	1,068	3,694	871	1,653	2,875	10,830	19,257	8,427	173
.40 to .49.....	95	1,606	5,023	1,402	2,480	4,132	10,957	19,293	8,336	119
.50 to .59.....	148	3,170	11,252	2,770	4,979	8,971	20,325	34,435	14,110	239
.60 to .69.....	168	5,064	19,530	4,405	8,292	14,950	30,197	50,754	20,557	386
.70 to .79.....	96	3,226	12,036	2,809	5,080	9,391	15,980	26,183	10,203	125
.80 to .89.....	46	1,802	6,365	1,570	2,760	5,032	7,683	14,697	7,014	86
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2352.--HATS AND CAPS ⁵										
Total.....	446	17,701	59,334	15,415	27,803	46,236	91,298	170,692	79,394	1,075
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	12	103	175	83	89	116	1,147	2,195	1,048	12
.20 to .29.....	22	243	761	232	338	706	3,051	4,753	1,702	99
.30 to .39.....	41	584	1,554	513	906	1,297	4,505	9,229	4,724	56
.40 to .49.....	40	716	2,038	642	1,153	1,742	4,647	9,890	5,243	35
.50 to .59.....	77	4,052	14,707	3,395	6,105	10,624	26,056	45,012	18,956	338
.60 to .69.....	80	3,780	11,806	3,299	6,048	8,766	18,377	34,383	16,006	172
.70 to .79.....	68	3,417	11,821	3,009	5,446	9,633	15,925	30,675	14,750	137
.80 to .89.....	28	1,984	5,999	1,809	3,402	5,022	7,020	12,437	5,417	80
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2361.--CHILDREN'S DRESSES AND BLOUSES										
Total.....	802	36,123	100,818	31,870	57,111	78,341	167,094	355,372	188,278	1,848
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	47	512	1,451	401	739	1,073	11,110	23,187	12,077	194
.20 to .29.....	29	849	2,340	611	1,003	1,306	9,368	33,994	24,626	51
.30 to .39.....	32	780	2,940	581	1,153	1,705	8,338	28,748	20,410	66
.40 to .49.....	70	4,293	15,194	3,283	5,732	9,035	33,537	81,586	48,049	331
.50 to .59.....	61	2,682	8,720	2,186	4,042	6,008	15,691	39,327	23,636	173
.60 to .69.....	122	5,023	15,091	4,386	7,762	11,196	23,284	50,812	27,528	300
.70 to .79.....	148	6,410	16,020	5,882	10,494	13,667	21,418	33,294	11,876	268
.80 to .89.....	142	10,259	25,359	9,661	17,505	22,674	30,031	38,868	8,837	249
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2363.--CHILDREN'S COATS AND SUITS ⁵										
Total.....	370	12,798	42,435	10,967	19,488	31,527	68,205	163,821	95,616	784
Below .10.....	-	-	-	-	-	-	-	-	-	-
.10 to .19.....	10	50	212	27	50	102	1,475	5,331	3,856	32
.20 to .29.....	18	280	1,006	142	226	269	4,233	15,549	11,316	88
.30 to .39.....	28	509	2,266	338	612	995	6,646	20,382	13,736	45
.40 to .49.....	29	719	2,787	568	1,015	1,827	6,200	18,577	12,377	153
.50 to .59.....	43	1,953	7,732	1,601	3,088	4,883	13,918	35,590	21,672	119
.60 to .69.....	47	1,733	5,741	1,470	2,712	4,307	8,726	18,818	10,092	137
.70 to .79.....	70	3,398	9,903	3,046	5,182	8,301	13,131	22,517	9,386	73
.80 to .89.....	69	2,573	7,623	2,412	4,244	6,776	9,073	11,861	2,788	85
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2369.--CHILDREN'S OUTERWEAR, N.E.C.										
Total.....	756	31,888	87,931	28,187	50,548	68,716	146,050	324,052	178,002	2,384
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	28	374	1,136	268	520	689	6,516	19,704	13,188	122
.20 to .29.....	44	473	1,388	325	544	802	5,471	19,166	13,695	123
.30 to .39.....	56	1,423	4,896	1,156	2,161	3,120	13,687	36,337	22,650	211
.40 to .49.....	79	3,420	9,955	2,998	5,533	7,588	21,740	52,599	30,859	358
.50 to .59.....	95	5,113	14,605	4,563	8,325	11,124	27,108	57,011	29,903	426
.60 to .69.....	110	5,613	15,656	4,922	8,856	12,230	24,087	45,561	21,474	318
.70 to .79.....	134	6,831	18,393	6,086	10,720	14,776	24,465	46,788	22,323	418
.80 to .89.....	74	4,180	9,985	3,860	6,838	8,752	11,805	19,134	7,329	152
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)	
		Total	Payroll	Total	Man-hours	Wages					
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)					
INDUSTRY 2371.--FUR GOODS											
Total.....	1,591	9,289	55,961	7,700	14,484	45,591	110,619	334,414	225,237	1,245	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	103	284	1,169	244	472	1,039	7,607	14,531	6,846	107	
.20 to .29.....	128	528	2,670	441	832	2,206	10,721	22,706	12,077	121	
.30 to .39.....	280	1,443	7,074	1,181	2,179	5,865	19,282	56,616	37,733	337	
.40 to .49.....	143	824	5,026	696	1,330	4,381	11,382	35,336	24,569	112	
.50 to .59.....	179	1,598	10,425	1,313	2,474	8,298	18,802	55,458	37,801	137	
.60 to .69.....	173	1,772	11,578	1,477	2,792	9,335	17,806	58,592	40,986	175	
.70 to .79.....	84	1,018	7,009	840	1,591	5,634	9,423	34,499	25,434	74	
.80 to .89.....	66	516	2,941	426	797	2,342	3,472	13,815	10,320	35	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2381.--FABRIC DRESS AND WORK GLOVES											
Total.....	197	12,771	36,673	11,859	21,271	31,513	68,372	149,503	82,238	1,092	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	16	545	1,499	500	761	1,309	6,764	11,851	5,071	145
.20 to .29.....		10	638	1,972	545	1,004	1,456	5,329	10,624	6,263	18
.30 to .39.....		16	1,827	4,737	1,778	3,120	4,401	10,348	18,814	9,229	187
.40 to .49.....		51	3,658	10,920	3,365	6,140	9,073	20,149	45,323	25,332	423
.50 to .59.....		29	1,669	4,852	1,574	2,852	4,257	7,560	16,619	9,180	109
.60 to .69.....		21	1,476	4,463	1,390	2,468	3,915	5,968	13,734	7,841	48
.70 to .79.....		13	396	1,033	377	642	935	1,235	2,804	1,528	18
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2384.--ROBES AND DRESSING GOWNS											
Total.....	271	11,889	37,381	10,482	18,941	29,122	68,717	173,450	105,335	818	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	25	475	1,862	352	645	1,080	8,569	28,934	20,590	74
.20 to .29.....		17	675	2,561	506	884	1,555	7,413	25,454	17,961	56
.30 to .39.....		51	2,308	7,542	1,951	3,615	5,216	16,793	47,669	31,112	226
.40 to .49.....		29	1,189	4,303	1,004	1,705	3,031	7,946	15,906	8,178	104
.50 to .59.....		40	2,451	7,216	2,261	4,199	6,165	11,020	25,443	14,486	95
.60 to .69.....		34	1,353	4,185	1,262	2,094	3,408	5,590	8,735	3,195	81
.70 to .79.....		26	2,073	5,815	1,960	3,628	5,206	7,047	11,649	4,568	130
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2385.--WATERPROOF OUTERGARMENTS											
Total.....	341	16,448	60,824	14,154	24,964	44,990	111,342	235,540	125,698	2,185	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	20	412	1,748	285	495	976	7,973	20,618	12,782	115
.20 to .29.....		26	1,334	5,337	996	1,672	3,157	14,850	35,827	22,739	409
.30 to .39.....		71	2,525	10,939	2,002	3,704	6,826	24,649	63,652	39,459	288
.40 to .49.....		37	3,213	11,099	2,877	5,193	8,683	20,665	36,274	15,259	678
.50 to .59.....		26	2,213	7,311	1,942	3,576	5,518	11,510	21,223	9,833	235
.60 to .69.....		48	2,890	10,820	2,580	4,293	8,616	14,413	22,603	8,397	245
.70 to .79.....		41	2,098	7,208	1,891	3,247	5,850	8,568	11,274	2,585	107
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2386.--LEATHER AND SHEPPLINED CLOTHING											
Total.....	114	3,352	12,817	3,016	5,764	10,535	23,351	56,380	33,380	315	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	37	950	3,396	821	1,510	2,477	9,886	24,843	15,411	179
.20 to .29.....		15	400	1,616	357	685	1,297	2,906	7,272	4,234	36
.30 to .39.....		18	915	3,721	843	1,759	3,243	5,730	14,290	8,600	70
.40 to .49.....		15	478	1,789	436	746	1,504	2,399	4,924	2,582	7
.50 to .59.....		11	276	1,136	253	512	987	1,318	2,100	807	10
.60 to .69.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)
		Total	Payroll	Total	Man-hours	Wages				
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)				
INDUSTRY 2371.--FUR GOODS ⁵										
Total.....	1,651	9,355	50,454	7,944	13,648	41,715	95,411	281,335	185,924	2,644
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	142	343	1,383	310	486	1,217	9,163	16,253	7,090	262
.20 to .29.....	185	589	2,523	526	860	2,243	10,138	21,199	11,061	194
.30 to .39.....	166	666	3,294	580	984	2,793	9,488	22,940	13,452	210
.40 to .49.....	185	926	4,695	787	1,356	3,975	10,336	30,759	20,423	245
.50 to .59.....	233	1,650	8,908	1,401	2,430	7,361	16,204	46,875	30,671	336
.60 to .69.....	188	1,801	10,549	1,527	2,700	8,794	16,253	52,329	36,076	373
.70 to .79.....	120	1,200	7,647	982	1,704	5,961	16,386	31,714	15,328	230
.80 to .89.....	76	608	3,575	494	870	2,785	4,259	15,664	11,405	37
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2381.--FABRIC DRESS AND WORK GLOVES ⁵										
Total.....	228	13,941	32,870	12,641	21,871	27,180	53,930	118,749	64,819	556
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	14	71	209	59	109	171	1,515	2,953	1,438	11
.20 to .29.....	11	521	1,133	488	864	977	4,175	8,954	4,779	28
.30 to .39.....	15	1,088	2,463	1,019	1,952	2,269	7,022	11,876	4,854	30
.40 to .49.....	17	1,078	2,895	943	1,609	2,131	5,965	11,024	5,059	43
.50 to .59.....	28	2,341	5,176	2,138	3,770	4,524	9,146	22,337	13,191	139
.60 to .69.....	37	3,071	6,991	2,870	4,899	6,081	10,799	22,537	11,738	100
.70 to .79.....	31	1,572	3,954	1,396	2,400	3,113	5,372	11,575	6,203	45
.80 to .89.....	18	1,421	3,864	1,172	1,937	2,626	4,593	10,341	5,748	81
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2384.--ROBES AND DRESSING GOWNS ⁵										
Total.....	278	10,625	30,461	9,258	15,975	22,754	56,442	132,671	76,229	459
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	19	305	1,280	192	376	607	7,157	16,332	9,175	26
.20 to .29.....	14	182	623	120	188	365	2,505	6,921	4,416	8
.30 to .39.....	15	663	1,827	544	874	1,270	5,254	16,186	10,932	31
.40 to .49.....	24	770	2,717	632	1,161	1,817	5,848	18,018	12,170	46
.50 to .59.....	55	1,955	6,383	1,647	2,784	4,416	11,642	30,440	18,798	68
.60 to .69.....	45	2,587	6,883	2,294	3,822	5,342	10,689	19,531	8,842	116
.70 to .79.....	38	1,759	4,930	1,643	2,889	3,917	6,594	11,593	4,999	62
.80 to .89.....	34	1,604	3,761	1,494	2,681	3,368	4,391	6,313	1,922	37
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2385.--WATERPROOF OUTERGARMENTS ⁵										
Total.....	277	13,159	43,114	11,315	20,202	32,217	73,070	146,175	73,105	955
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	29	403	1,319	326	586	946	6,404	15,012	8,608	131
.20 to .29.....	16	342	1,707	177	319	518	4,758	15,144	10,386	41
.30 to .39.....	24	1,571	5,765	1,259	2,453	3,986	13,294	28,279	14,985	151
.40 to .49.....	32	1,901	6,606	1,638	3,037	4,800	12,036	22,635	10,599	115
.50 to .59.....	50	2,856	8,449	2,475	4,373	6,459	13,138	26,816	13,678	226
.60 to .69.....	48	2,864	9,658	2,550	4,804	7,437	13,110	20,668	7,558	135
.70 to .79.....	36	1,433	4,259	1,315	2,249	3,752	5,022	6,055	1,033	43
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2386.--LEATHER AND SHEEPLINED CLOTHING ⁵										
Total.....	154	4,626	16,166	4,037	7,488	12,410	27,847	65,734	37,887	340
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	22	175	625	112	187	306	3,302	7,954	4,652	60
.20 to .29.....	11	248	922	210	352	672	2,585	6,788	4,203	47
.30 to .39.....	16	565	1,737	488	885	1,359	3,893	8,724	4,831	14
.40 to .49.....	23	867	3,055	776	1,456	2,399	5,481	11,824	6,343	43
.50 to .59.....	23	726	2,797	616	1,139	2,068	4,412	9,426	5,014	108
.60 to .69.....	32	1,267	4,709	1,129	2,178	3,658	6,287	14,720	8,433	34
.70 to .79.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2387.--APPAREL BELTS										
Total.....	389	9,841	35,590	8,295	15,240	24,843	62,172	108,600	46,222	697
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	12	138	463	127	250	403	1,799	2,182	361
.20 to .29.....		23	324	1,007	284	517	731	2,996	4,341	1,383
.30 to .39.....		34	646	2,329	569	1,034	1,750	5,163	8,972	3,930
.40 to .49.....		134	3,442	12,743	2,728	4,989	8,302	23,996	42,848	18,472
.50 to .59.....		64	2,344	8,648	1,979	3,647	5,875	13,523	22,671	9,237
.60 to .69.....	53	1,997	6,951	1,764	3,146	5,144	9,426	17,323	7,854	125
.70 to .79.....	22	529	1,956	468	835	1,464	2,340	4,208	1,833	13
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2389.--APPAREL, N.E.C.										
Total.....	270	7,225	25,553	6,181	10,985	19,231	43,211	98,173	52,721	517
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	18	227	1,068	149	262	764	5,127	12,340	7,506
.20 to .29.....		20	375	1,671	293	565	1,158	4,672	10,352	5,935
.30 to .39.....		24	339	1,062	290	534	832	2,324	4,285	1,874
.40 to .49.....		39	1,322	4,028	1,175	2,065	3,196	7,332	16,997	9,502
.50 to .59.....		68	2,374	8,024	2,090	3,658	6,311	12,587	25,839	12,531
.60 to .69.....	32	824	3,531	712	1,206	2,685	4,704	10,048	5,393	17
.70 to .79.....	23	1,003	3,735	846	1,541	2,583	4,466	9,960	4,510	83
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2391.--CURTAINS AND DRAPERIES										
Total.....	1,121	21,955	75,114	19,023	35,826	56,439	131,995	312,987	182,363	2,936
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	28	109	679	52	95	150	4,168	13,012	9,211	20
.20 to .29.....	66	1,197	4,073	1,059	2,079	3,242	15,447	29,028	14,967	640
.30 to .39.....	93	868	3,446	732	1,400	2,112	9,939	27,362	17,833	131
.40 to .49.....	206	3,358	10,610	2,729	5,210	7,997	23,948	51,029	27,421	522
.50 to .59.....	126	3,055	10,966	2,589	4,935	7,664	19,630	53,370	33,615	588
.60 to .69.....	120	3,721	12,128	3,305	5,976	9,224	18,538	41,994	23,351	231
.70 to .79.....	102	3,651	13,039	3,261	6,090	10,247	17,672	36,197	18,576	257
.80 to .89.....	69	3,466	10,573	3,137	5,918	8,756	12,588	20,225	7,478	342
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2392.--HOUSEFURNISHINGS, N.E.C.										
Total.....	1,239	39,690	142,820	33,637	63,931	102,676	285,759	716,650	433,147	8,384
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	49	657	2,291	371	725	1,010	17,881	24,708	6,897	202
.20 to .29.....	103	2,413	8,224	2,060	3,957	6,092	32,773	72,753	39,845	983
.30 to .39.....	120	2,178	7,658	1,853	3,610	5,531	21,900	52,025	30,753	461
.40 to .49.....	264	9,165	32,712	7,735	14,721	22,802	72,597	199,071	128,104	2,202
.50 to .59.....	181	7,548	29,289	6,414	12,089	20,398	54,374	130,401	77,119	1,222
.60 to .69.....	150	6,560	25,089	5,673	10,868	18,244	38,945	106,248	67,536	1,719
.70 to .79.....	97	4,898	17,026	4,273	7,916	12,990	22,944	54,790	31,339	351
.80 to .89.....	47	2,411	8,432	2,147	4,373	6,980	9,880	36,733	26,870	259
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2393.--TEXTILE BAGS										
Total.....	192	7,191	28,254	6,125	11,906	20,681	56,523	200,426	144,648	1,878
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	10	198	558	173	302	390	3,746	9,507	5,625	58
.20 to .29.....	14	179	722	152	270	542	2,680	6,258	3,600	83
.30 to .39.....	22	410	1,560	364	662	1,211	4,519	12,932	8,493	127
.40 to .49.....	46	2,287	8,997	1,945	3,868	6,789	20,381	71,666	51,918	622
.50 to .59.....	32	1,459	6,001	1,217	2,345	4,104	11,269	39,859	28,720	389
.60 to .69.....	21	944	3,890	791	1,535	2,763	6,160	24,944	18,820	151
.70 to .79.....	}	18	1,210	4,741	1,050	2,083	3,572	6,067	22,336	309
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)
		Total	Payroll	Total	Man-hours	Wages				
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)				
INDUSTRY 2387.--APPAREL BELTS ⁵										
Total.....	455	10,150	31,801	8,498	15,441	22,503	53,726	99,053	45,327	821
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	12	25	46	22	28	39	182	480	298	64
.20 to .29.....	28	171	493	152	285	424	1,928	3,286	1,358	31
.30 to .39.....	31	240	700	209	391	595	1,989	3,251	1,262	27
.40 to .49.....	64	1,197	4,040	915	1,646	2,585	9,562	17,748	8,186	73
.50 to .59.....	62	1,081	3,478	924	1,717	2,591	6,220	11,116	4,896	122
.60 to .69.....	78	2,625	8,534	2,103	3,763	5,377	13,249	26,150	12,901	213
.70 to .79.....	83	2,316	6,938	2,012	3,639	5,220	9,363	16,931	7,568	143
.80 to .89.....	43	1,532	4,878	1,302	2,412	3,536	5,808	10,764	4,956	96
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2389.--APPAREL, N.E.C.										
Total.....	309	7,525	23,087	6,135	11,012	16,168	41,262	94,904	53,642	517
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	18	147	414	117	187	280	2,354	6,892	4,538	39
.20 to .29.....	21	241	743	204	336	572	3,121	6,441	3,320	20
.30 to .39.....	38	473	1,485	342	638	784	4,218	13,866	9,648	32
.40 to .49.....	30	893	2,195	644	1,074	1,390	4,845	10,343	5,498	48
.50 to .59.....	36	1,512	4,776	1,253	2,291	3,291	8,756	17,537	8,781	119
.60 to .69.....	40	990	3,337	812	1,420	2,225	5,125	10,244	5,119	116
.70 to .79.....	32	1,039	3,117	888	1,647	2,255	4,184	7,587	3,403	42
.80 to .89.....	19	1,106	3,550	983	1,853	2,850	4,278	11,009	6,731	18
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2391.--CURTAINS AND DRAPERIES										
Total.....	783	16,366	48,403	14,141	26,814	36,923	87,273	217,029	129,756	1,861
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	61	391	828	336	591	686	5,442	8,112	2,670	236
.20 to .29.....	78	632	1,534	483	867	1,165	6,678	13,957	7,279	223
.30 to .39.....	.63	1,057	3,310	894	1,710	2,479	9,452	30,949	21,497	125
.40 to .49.....	72	1,857	5,046	1,575	3,043	4,167	11,117	30,267	19,150	123
.50 to .59.....	116	2,608	7,839	2,195	4,220	5,379	14,505	41,675	27,170	217
.60 to .69.....	124	3,395	10,038	2,998	5,551	7,656	15,394	35,623	20,229	371
.70 to .79.....	81	3,035	9,154	2,677	5,300	7,206	12,212	26,265	14,053	167
.80 to .89.....	46	1,532	5,178	1,397	2,582	3,750	6,162	13,901	7,739	148
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2392.--HOUSEFURNISHINGS, N.E.C.										
Total.....	1,205	36,769	113,402	31,552	59,297	83,302	218,295	616,224	397,929	6,072
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	51	410	1,078	344	587	822	6,683	11,505	4,822	240
.20 to .29.....	96	1,522	4,236	1,313	2,531	3,348	17,791	45,808	28,017	301
.30 to .39.....	128	4,768	15,854	4,067	7,853	11,707	44,177	123,943	79,766	1,041
.40 to .49.....	165	6,034	18,082	5,198	9,674	13,297	39,899	107,356	67,457	609
.50 to .59.....	183	6,411	20,184	5,526	10,413	14,648	36,855	98,030	61,175	953
.60 to .69.....	162	7,041	21,848	6,174	11,461	15,767	33,640	91,001	57,361	753
.70 to .79.....	101	4,541	14,534	3,791	7,224	10,320	19,610	62,982	43,372	818
.80 to .89.....	55	2,123	6,857	1,802	3,395	4,942	8,193	22,510	14,317	254
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2393.--TEXTILE BAGS										
Total.....	237	9,114	30,047	7,557	14,673	21,942	51,638	204,379	152,741	1,512
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	34	437	1,139	381	728	976	5,266	11,804	6,538	105
.20 to .29.....	20	651	2,078	533	1,062	1,583	5,647	15,923	10,276	164
.30 to .39.....	31	1,414	4,654	1,149	2,234	3,359	10,032	32,561	22,529	178
.40 to .49.....	31	1,649	5,758	1,367	2,677	4,226	10,728	42,145	31,417	201
.50 to .59.....	36	1,782	6,223	1,485	2,832	4,318	9,548	33,449	23,901	180
.60 to .69.....	36	1,782	6,223	1,485	2,832	4,318	9,548	33,449	23,901	180
.70 to .79.....	15	720	2,445	615	1,170	1,700	3,297	15,271	11,974	88
.80 to .89.....	12	504	1,860	424	859	1,310	2,211	11,065	8,894	44
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2394.--CANVAS PRODUCTS										
Total.....	881	11,170	44,550	8,964	17,587	30,576	73,534	166,402	93,106	2,090
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	25	77	282	65	131	136	2,036	3,751	1,768	39
.20 to .29.....	63	313	1,065	263	533	800	4,085	6,959	2,933	79
.30 to .39.....	88	419	1,483	325	665	1,136	4,297	8,159	3,966	115
.40 to .49.....	101	1,505	5,121	1,263	2,420	3,800	11,394	22,003	10,828	397
.50 to .59.....	182	2,869	11,581	2,313	4,748	8,097	21,633	48,856	27,893	714
.60 to .69.....	106	2,211	9,429	1,808	3,477	6,618	14,450	30,112	15,628	256
.70 to .79.....	70	1,350	5,379	1,066	1,997	3,584	7,145	16,507	9,029	127
.80 to .89.....	43	580	2,393	461	871	1,620	2,853	7,347	4,501	57
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2395.--PLEATING AND STITCHING										
Total.....	1,316	16,353	55,528	14,679	27,975	46,349	95,240	150,183	55,060	2,837
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	42	223	580	196	354	507	3,913	5,770	1,867	153
.20 to .29.....	76	539	1,500	498	2,087	1,326	5,642	7,502	1,829	124
.30 to .39.....	101	603	1,863	556	1,048	1,655	5,496	7,926	2,423	163
.40 to .49.....	283	2,733	8,342	2,407	4,462	7,075	19,109	32,207	13,191	790
.50 to .59.....	163	2,002	6,966	1,801	3,333	5,646	12,689	24,178	11,817	249
.60 to .69.....	174	3,678	13,386	3,315	6,232	10,964	20,701	29,484	8,703	354
.70 to .79.....	149	3,286	11,830	2,933	5,044	9,832	15,896	22,324	6,319	252
.80 to .89.....	66	1,301	4,351	1,175	2,177	3,622	5,179	7,478	2,275	113
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2396.--APPAREL FINDINGS										
Total.....	756	24,539	122,623	20,813	40,073	94,156	227,810	570,616	343,494	8,321
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	12	195	750	164	381	555	4,688	10,143	5,479	331
.20 to .29.....	47	633	2,793	520	979	2,034	10,582	21,506	10,961	179
.30 to .39.....	63	3,004	16,951	2,501	4,878	13,023	44,824	105,891	62,441	3,514
.40 to .49.....	151	3,286	12,149	2,858	5,058	9,090	27,063	60,308	33,281	935
.50 to .59.....	116	7,683	42,079	6,584	12,979	33,376	75,008	196,773	120,963	1,703
.60 to .69.....	92	5,121	30,931	4,340	8,841	23,540	46,131	125,354	79,602	1,133
.70 to .79.....	84	1,953	7,192	1,642	2,924	5,422	9,682	21,662	11,878	243
.80 to .89.....	37	936	3,307	781	1,413	2,450	3,921	10,471	6,393	121
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2397.--SCHIFFLI MACHINE EMBROIDERIES										
Total.....	759	6,145	30,517	5,529	11,854	25,957	55,411	97,406	42,190	2,425
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	28	76	425	61	119	382	2,866	3,848	960	191
.20 to .29.....	50	235	900	214	411	714	3,511	5,417	1,977	266
.30 to .39.....	78	488	2,396	414	934	1,754	6,839	13,244	6,502	270
.40 to .49.....	105	972	4,530	900	1,936	4,041	9,892	15,589	5,730	321
.50 to .59.....	146	1,181	6,023	1,074	2,297	5,200	11,050	20,526	9,505	427
.60 to .69.....	111	1,343	6,445	1,212	2,624	5,560	9,900	17,245	7,356	479
.70 to .79.....	69	992	5,221	900	1,930	4,403	7,052	10,307	3,263	90
.80 to .89.....	22	300	1,574	254	522	1,285	1,859	4,912	3,059	188
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2399.--TEXTILE PRODUCTS, N.E.C.										
Total.....	1,044	21,350	79,252	17,880	34,384	56,980	145,153	342,311	196,209	4,518
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	23	160	481	153	286	436	2,671	4,835	1,985	98
.20 to .29.....	55	630	2,184	523	1,007	1,647	8,452	14,137	5,868	201
.30 to .39.....	77	2,774	11,059	2,290	4,673	8,092	31,091	80,730	50,002	878
.40 to .49.....	92	2,276	9,200	1,864	3,622	6,524	20,031	46,680	27,338	521
.50 to .59.....	348	5,796	19,277	4,925	9,568	14,714	35,552	78,077	42,197	1,200
.60 to .69.....	111	3,758	14,644	3,232	6,117	10,527	22,840	52,858	29,712	765
.70 to .79.....	67	2,285	9,079	1,895	3,655	6,242	12,039	29,264	16,629	447
.80 to .89.....	45	1,510	5,320	1,258	2,253	3,296	6,334	15,219	8,647	189
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2394.--CANVAS PRODUCTS										
Total.....	851	9,875	35,175	7,679	14,692	23,730	53,696	131,336	77,640	1,848
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	34	66	127	61	94	116	842	1,522	680	47
.20 to .29.....	57	228	648	201	340	542	2,592	4,228	1,636	132
.30 to .39.....	76	478	1,556	389	689	1,125	4,345	8,074	3,729	150
.40 to .49.....	122	842	2,440	731	1,164	2,048	5,511	10,044	4,533	158
.50 to .59.....	103	1,819	6,473	1,451	2,873	4,623	11,730	27,610	15,880	370
.60 to .69.....	110	1,926	7,219	1,528	3,022	4,806	11,286	24,465	13,179	190
.70 to .79.....	83	1,670	6,384	1,265	2,628	4,286	8,584	20,962	12,378	177
.80 to .89.....	39	556	2,142	404	788	1,313	2,589	7,386	4,797	28
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2395.--PLEATING AND STITCHING										
Total.....	1,501	15,434	45,667	13,462	23,733	37,499	79,372	122,672	43,300	2,937
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	47	190	421	168	294	371	2,686	2,995	309	133
.20 to .29.....	157	816	1,899	715	1,186	1,663	7,581	10,247	2,666	359
.30 to .39.....	176	1,175	3,265	1,016	1,795	2,834	9,146	13,026	3,880	449
.40 to .49.....	184	1,868	5,739	1,582	2,917	4,604	13,225	22,357	9,132	358
.50 to .59.....	227	2,354	6,634	2,125	3,831	5,599	11,967	16,896	4,929	422
.60 to .69.....	205	2,830	8,591	2,483	4,226	6,852	13,304	19,229	5,925	213
.70 to .79.....	152	2,735	8,726	2,394	4,380	7,219	11,679	15,666	3,987	430
.80 to .89.....	87	1,795	5,732	1,559	2,659	4,598	6,871	11,374	4,503	146
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2396.--APPAREL FINDINGS										
Total.....	688	17,552	71,326	14,278	27,121	52,049	98,412	309,218	210,806	2,832
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	34	149	380	142	260	346	2,289	4,087	1,798	37
.20 to .29.....	50	277	906	220	403	652	3,452	6,319	2,867	47
.30 to .39.....	59	740	2,553	558	1,105	1,718	7,454	17,172	9,718	110
.40 to .49.....	77	1,007	3,268	822	1,594	2,434	7,257	16,586	9,329	127
.50 to .59.....	125	3,043	11,206	2,495	4,867	8,125	20,631	56,252	35,621	661
.60 to .69.....	115	4,391	17,083	3,653	6,907	12,625	26,772	75,229	48,457	332
.70 to .79.....	67	1,650	5,703	1,363	2,516	3,885	7,708	18,092	10,384	142
.80 to .89.....	44	1,075	3,444	879	1,611	2,567	4,122	10,539	6,417	124
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2397.--SCHIFFLI MACHINE EMBROIDERIES										
Total.....	703	5,739	24,451	5,148	10,772	20,771	44,311	75,484	31,173	3,593
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	42	120	281	116	224	267	1,718	2,365	647	18
.20 to .29.....	66	225	913	209	403	816	3,641	6,800	3,159	366
.30 to .39.....	91	413	1,568	372	733	1,414	4,479	8,633	4,154	270
.40 to .49.....	94	566	2,477	511	1,053	2,210	5,528	9,457	3,929	319
.50 to .59.....	108	1,001	4,292	906	1,948	3,634	7,809	12,219	4,410	471
.60 to .69.....	128	1,754	7,734	1,586	3,340	6,421	11,947	19,800	7,853	1,274
.70 to .79.....	68	991	4,243	870	1,873	3,611	5,706	8,923	3,217	314
.80 to .89.....	29	250	1,235	217	470	952	1,459	2,509	1,050	207
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2399.--TEXTILE PRODUCTS, N.E.C.										
Total.....	919	17,930	57,786	14,681	27,667	41,272	98,087	247,113	149,026	2,781
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	33	154	393	131	244	317	2,564	4,039	1,475	67
.20 to .29.....	82	352	968	310	541	829	3,899	6,719	2,820	292
.30 to .39.....	95	1,557	4,421	1,248	2,246	3,267	12,559	34,307	21,748	227
.40 to .49.....	95	1,874	6,100	1,594	2,982	4,483	13,620	31,239	17,619	314
.50 to .59.....	127	3,997	13,166	3,318	6,344	9,361	23,843	59,659	35,816	428
.60 to .69.....	106	2,788	9,715	2,297	4,283	6,762	15,341	34,598	19,257	506
.70 to .79.....	71	2,425	8,278	2,047	3,947	5,804	11,042	29,106	18,064	202
.80 to .89.....	45	1,828	6,016	1,294	2,437	3,882	7,221	16,584	9,363	150
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2411.--LOGGING CAMPS AND CONTRACTORS										
Total.....	13,588	73,130	281,845	65,790	122,505	254,122	520,457	1,154,693	630,182	95,602
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	551	1,875	5,086	1,728	3,120	4,669	32,759	62,041	28,879	4,072
.20 to .29.....	1,060	4,119	13,696	3,716	7,071	12,500	53,009	92,915	39,494	6,890
.30 to .39.....	1,311	6,771	23,239	6,158	11,602	21,300	67,599	114,056	45,852	10,338
.40 to .49.....	1,088	7,951	31,519	7,149	13,748	28,946	70,669	122,316	52,244	11,416
.50 to .59.....	3,568	17,561	66,006	16,194	29,578	60,916	121,472	254,427	130,897	24,073
.60 to .69.....	876	8,278	34,240	7,372	13,743	30,575	52,586	111,428	58,325	9,203
.70 to .79.....	562	5,172	20,519	4,617	8,690	18,379	27,543	62,938	34,909	5,620
.80 to .89.....	450	5,674	26,522	5,016	9,073	23,282	31,032	95,129	64,122	6,329
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2421.--SAWMILLS AND PLANING MILLS										
Total.....	12,189	207,365	811,638	186,616	364,250	701,691	1,376,080	3,156,345	1,779,308	172,471
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	399	2,448	6,405	2,206	4,144	5,773	41,533	64,023	23,040	3,253
.20 to .29.....	792	7,956	26,908	7,142	13,595	23,696	105,745	182,744	77,160	6,469
.30 to .39.....	1,127	13,210	44,870	11,854	22,855	39,358	127,072	248,726	124,133	10,703
.40 to .49.....	1,030	25,046	99,831	22,439	44,102	85,706	218,913	458,560	245,372	17,775
.50 to .59.....	1,611	39,512	170,874	35,744	69,786	147,377	312,937	651,620	347,443	25,825
.60 to .69.....	2,722	41,323	154,502	37,528	72,684	134,433	239,851	546,030	305,724	35,766
.70 to .79.....	711	25,433	104,653	22,904	46,092	89,146	140,491	361,571	222,862	15,482
.80 to .89.....	484	15,644	66,768	14,171	28,069	58,699	78,624	208,810	126,015	32,107
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2426.--HARDWOOD DIMENSION AND FLOORING										
Total.....	642	28,128	98,882	25,433	52,944	81,735	155,083	345,227	189,404	7,106
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	15	110	243	95	177	196	1,467	2,222	771	45
.20 to .29.....	16	215	768	209	437	708	2,792	5,286	2,612	54
.30 to .39.....	46	1,989	6,878	1,807	3,793	5,893	18,719	36,102	17,437	675
.40 to .49.....	59	2,188	7,638	1,987	4,205	6,420	16,881	31,187	15,272	940
.50 to .59.....	118	5,438	18,790	4,943	10,197	15,569	33,922	75,096	40,842	1,377
.60 to .69.....	119	7,358	26,746	6,679	13,925	21,707	41,381	87,164	46,751	2,042
.70 to .79.....	78	4,886	17,648	4,354	9,301	14,243	23,733	53,836	30,129	856
.80 to .89.....	42	2,047	6,787	1,860	3,618	5,884	8,066	19,558	11,475	362
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2429.--SPECIAL PRODUCT SAWMILLS, N.E.C.										
Total.....	541	7,164	25,223	6,591	11,122	22,403	41,355	96,032	52,569	1,968
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	15	116	352	102	158	279	2,277	3,550	1,264	30
.20 to .29.....	25	122	359	110	147	299	1,491	3,907	2,485	53
.30 to .39.....	50	431	1,332	390	731	1,160	3,780	7,067	3,341	162
.40 to .49.....	59	865	3,140	791	1,300	2,794	6,901	13,783	6,851	369
.50 to .59.....	86	1,073	4,098	997	1,648	3,727	7,591	15,382	7,913	354
.60 to .69.....	96	1,886	6,808	1,735	3,017	6,090	10,513	23,884	12,791	486
.70 to .79.....	46	687	2,429	635	1,025	2,162	3,208	7,440	4,279	133
.80 to .89.....	24	561	2,232	535	902	2,051	2,589	6,657	3,960	190
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2431.--MILLWORK PLANTS										
Total.....	3,770	65,283	320,817	53,519	106,215	240,702	524,041	1,270,613	749,741	20,935
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	104	375	1,357	319	598	1,113	8,119	15,772	7,671	239
.20 to .29.....	235	1,485	5,701	1,263	2,459	4,562	22,746	39,730	17,523	773
.30 to .39.....	326	3,401	14,666	2,783	5,391	11,066	42,000	92,303	50,883	1,807
.40 to .49.....	367	9,224	45,915	7,549	15,126	34,275	101,049	241,229	142,087	4,341
.50 to .59.....	767	13,446	63,272	11,024	21,599	47,597	113,639	264,905	152,442	4,640
.60 to .69.....	490	10,631	53,447	8,838	17,794	40,271	81,777	193,349	112,879	2,376
.70 to .79.....	382	13,843	71,914	11,498	22,982	54,290	97,189	236,658	140,287	3,407
.80 to .89.....	202	4,839	24,067	3,979	7,945	18,014	28,657	80,843	51,639	1,138
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)
		Total	Payroll	Total	Man-hours	Wages				
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)				
INDUSTRY 2411.--LOGGING CAMPS AND CONTRACTORS										
Total.....	12,828	71,738	227,963	62,575	108,864	195,794	390,380	868,279	477,899	68,354
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	625	1,755	3,071	1,578	2,493	2,768	20,459	28,419	7,960	3,488
.20 to .29.....	1,064	4,006	11,411	3,607	6,089	10,134	44,734	64,212	19,478	5,487
.30 to .39.....	1,390	6,655	19,117	5,813	9,875	16,443	54,486	87,840	33,354	7,765
.40 to .49.....	1,066	8,551	29,623	7,570	13,305	26,070	66,557	108,761	42,204	8,277
.50 to .59.....	1,536	9,851	32,052	8,696	15,001	28,031	58,985	113,716	54,731	7,121
.60 to .69.....	1,031	7,247	25,408	6,306	11,345	22,026	39,649	82,620	42,971	6,080
.70 to .79.....	542	5,771	21,940	4,929	8,830	18,403	29,325	68,700	39,375	4,681
.80 to .89.....	478	4,742	16,470	4,063	7,139	14,119	19,527	44,121	24,594	3,448
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2421.--SAWMILLS AND PLANING MILLS										
Total.....	15,636	245,907	770,916	215,901	407,393	656,159	1,195,775	2,917,314	1,721,539	129,403
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	479	3,058	7,244	2,714	4,961	6,112	45,881	65,248	19,367	2,719
.20 to .29.....	911	7,611	19,271	6,706	12,404	16,707	76,129	135,390	59,261	5,469
.30 to .39.....	1,261	13,642	35,988	12,041	21,679	31,208	100,959	199,078	98,119	11,039
.40 to .49.....	1,289	22,395	71,205	19,764	37,055	61,694	157,334	318,083	160,749	12,925
.50 to .59.....	1,959	34,078	108,337	30,152	57,409	92,774	196,452	429,161	232,709	16,505
.60 to .69.....	1,546	38,970	136,742	34,614	66,484	116,967	210,573	479,779	269,206	19,309
.70 to .79.....	996	30,375	108,344	26,701	53,902	90,558	145,697	359,336	213,639	16,774
.80 to .89.....	828	25,076	88,117	22,459	42,924	75,816	104,212	287,939	183,727	10,791
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2426.--HARDWOOD DIMENSION AND FLOORING										
Total.....	436	25,140	75,177	22,479	45,346	60,779	110,354	260,645	150,291	7,645
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	19	221	425	203	301	384	1,841	3,154	1,313	29
.20 to .29.....	13	1,262	3,453	1,184	2,401	3,138	9,860	17,681	7,821	663
.30 to .39.....	43	1,695	4,890	1,469	2,972	3,809	10,896	21,770	10,874	550
.40 to .49.....	63	3,222	9,705	2,915	5,779	7,945	17,653	37,390	19,737	875
.50 to .59.....	70	4,498	14,720	3,998	8,400	11,521	22,730	49,248	26,518	572
.60 to .69.....	77	5,027	15,697	4,531	9,342	12,832	21,786	48,376	26,590	808
.70 to .79.....	54	3,834	11,398	3,441	6,837	9,234	13,540	34,982	21,442	2,545
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2429.--SPECIAL PRODUCT SAWMILLS, N.E.C.										
Total.....	478	7,176	22,097	6,465	10,678	18,804	36,123	89,381	53,258	1,682
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	18	184	311	168	185	272	2,268	2,689	421	23
.20 to .29.....	29	206	329	181	285	268	1,399	2,106	707	55
.30 to .39.....	39	334	1,062	298	525	957	3,191	6,117	2,926	115
.40 to .49.....	55	771	2,369	664	1,164	1,823	5,289	11,386	6,097	346
.50 to .59.....	61	1,044	3,684	921	1,643	3,016	6,678	16,739	10,061	280
.60 to .69.....	56	1,271	4,366	1,161	1,991	3,851	6,744	15,217	8,473	210
.70 to .79.....	41	795	2,682	717	1,141	2,249	3,621	8,991	5,370	254
.80 to .89.....	35	826	2,525	761	1,203	2,205	2,966	6,956	3,990	123
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2431.--MILLWORK PLANTS										
Total.....	3,163	61,962	267,997	50,309	98,542	196,922	412,548	1,049,571	637,023	16,498
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	109	507	1,532	450	768	1,297	9,925	15,771	5,846	422
.20 to .29.....	209	930	3,449	789	1,367	2,801	13,548	26,313	12,765	491
.30 to .39.....	239	2,676	12,990	2,107	3,916	9,237	36,190	79,506	43,316	1,208
.40 to .49.....	302	5,511	22,157	4,583	8,902	16,750	49,582	115,460	65,878	2,145
.50 to .59.....	424	8,722	36,847	7,102	14,011	26,922	67,027	169,938	102,911	2,210
.60 to .69.....	434	14,946	64,999	12,434	25,026	49,229	100,579	241,376	140,797	3,475
.70 to .79.....	278	9,274	42,192	7,400	14,485	30,188	56,175	136,418	80,243	1,832
.80 to .89.....	202	6,226	28,134	4,864	9,635	19,603	33,236	86,862	53,626	758
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)					
INDUSTRY 2432.--VENEER AND PLYWOOD PLANTS											
Total.....	641	66,155	324,746	60,455	124,900	281,321	559,211	1,339,630	788,068	41,887	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	35	1,863	8,036	1,656	3,123	6,545	34,434	64,145	31,760	1,303
.20 to .29.....		42	3,313	18,428	2,932	6,130	15,383	51,149	102,698	52,757	1,902
.30 to .39.....		75	9,944	49,316	9,155	19,689	42,844	108,676	257,982	150,841	6,210
.40 to .49.....		128	13,173	67,641	11,946	24,774	57,851	123,018	263,098	144,140	6,646
.50 to .59.....		121	15,979	80,521	14,594	30,773	70,087	124,049	306,434	183,262	7,747
.60 to .69.....		96	10,742	50,116	9,881	20,160	43,778	66,795	176,977	109,473	5,436
.70 to .79.....		44	5,265	24,430	4,845	9,884	21,442	29,083	87,425	57,926	1,121
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2433.--PREFABRICATED WOOD PRODUCTS											
Total.....	559	15,806	81,079	11,595	22,485	50,174	156,593	403,309	249,485	7,741	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	18	240	1,124	163	321	685	8,855	17,490	8,705	99	
.20 to .29.....	30	525	2,278	395	780	1,521	8,898	16,895	8,176	631	
.30 to .39.....	50	1,901	8,434	1,448	2,746	5,467	24,183	50,008	26,876	1,021	
.40 to .49.....	55	2,594	14,248	1,945	3,849	8,963	30,805	83,340	53,298	1,090	
.50 to .59.....	138	4,546	23,841	3,210	6,341	13,834	43,051	112,647	70,614	2,223	
.60 to .69.....	90	2,259	12,158	1,653	3,019	7,519	18,530	50,413	32,037	1,045	
.70 to .79.....	42	999	4,658	741	1,419	3,128	6,229	16,547	10,259	477	
.80 to .89.....	31	877	4,521	678	1,339	2,772	5,385	15,454	10,046	260	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2441.--NAILED WOODEN BOXES AND SHOOK											
Total.....	663	14,483	55,858	12,934	26,271	45,944	85,046	206,020	121,169	6,014	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	17	125	502	112	222	407	3,184	4,209	1,333	82	
.20 to .29.....	43	358	1,070	329	641	911	4,239	6,992	2,791	80	
.30 to .39.....	48	404	1,415	359	734	1,112	3,903	7,196	3,275	113	
.40 to .49.....	66	1,064	3,487	976	1,919	3,077	7,837	18,255	10,550	313	
.50 to .59.....	150	3,577	12,313	3,234	6,594	10,356	22,143	44,920	22,888	874	
.60 to .69.....	89	2,578	10,365	2,258	4,356	8,214	16,099	35,750	19,821	563	
.70 to .79.....	62	2,196	7,655	1,963	3,925	6,152	10,349	26,524	16,177	487	
.80 to .89.....	36	1,743	8,194	1,585	3,363	6,847	9,812	26,118	16,769	1,484	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2442.--WIREBOUND BOXES AND CRATES											
Total.....	117	9,893	32,717	9,012	17,697	26,669	55,606	114,669	59,134	1,565	
Below .10.....	}	33	1,946	5,841	1,806	3,476	5,029	14,974	29,169	14,113	272
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
INDUSTRY 2443.--VENEER AND PLYWOOD CONTAINERS											
Total.....	99	3,953	11,649	3,682	6,974	9,889	16,086	27,923	12,366	336	
Below .10.....	}	18	305	894	289	548	827	2,153	2,991	1,050	48
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
INDUSTRY 2432.--VENEER AND PLYWOOD PLANTS										
Total.....	588	59,346	240,821	54,092	108,437	207,645	390,131	884,111	493,980	24,954
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	23	1,578	6,711	1,438	2,941	5,750	28,054	40,601	12,547
.20 to .29.....		41	2,530	10,671	2,257	4,465	9,005	29,901	65,487	35,586
.30 to .39.....		61	6,308	27,726	5,783	11,513	23,907	61,065	124,475	63,410
.40 to .49.....		77	6,685	27,388	6,110	12,515	23,792	49,977	114,555	64,578
.50 to .59.....	}	122	13,892	55,710	12,731	26,328	48,754	86,747	195,110	108,363
.60 to .69.....		91	14,609	60,834	13,175	26,249	51,611	81,406	180,842	99,436
.70 to .79.....		55	5,694	19,965	5,299	10,389	17,228	23,935	60,855	36,920
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2433.--PREFABRICATED WOOD PRODUCTS										
Total.....	374	13,550	61,984	9,942	19,303	38,294	122,344	322,279	199,935	4,418
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	30	708	3,710	489	993	2,177	14,790	31,545	16,755
.20 to .29.....		30	972	4,016	700	1,350	2,398	11,383	25,869	14,486
.30 to .39.....		48	3,693	18,452	2,738	5,515	11,169	40,971	101,945	60,974
.40 to .49.....		76	3,833	17,243	2,777	5,377	10,699	31,641	87,361	55,720
.50 to .59.....	}	41	1,170	5,572	819	1,574	3,236	8,590	22,472	13,882
.60 to .69.....		34	1,474	6,267	1,083	2,036	3,747	8,389	27,609	19,220
.70 to .79.....		22	530	2,363	399	767	1,599	2,841	8,727	5,886
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2441.--NAILED WOODEN BOXES AND SHOOK										
Total.....	874	19,015	62,424	16,688	32,244	50,114	92,322	211,407	119,085	3,251
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	33	96	243	83	146	191	1,429	3,013	1,584
.20 to .29.....		42	421	728	381	704	626	2,866	5,685	2,819
.30 to .39.....		60	640	2,008	594	1,098	1,800	5,661	11,291	5,630
.40 to .49.....		77	1,753	5,000	1,538	2,808	4,120	10,941	21,603	10,662
.50 to .59.....	}	119	3,347	11,175	2,936	5,628	8,926	20,206	40,020	19,814
.60 to .69.....		114	2,068	6,475	1,699	3,450	4,772	9,687	15,172	5,485
.70 to .79.....		111	4,136	15,189	3,670	7,162	12,083	20,438	53,939	33,501
.80 to .89.....		61	2,466	8,429	2,191	4,234	6,766	10,055	22,131	12,076
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2442.--WIREBOUND BOXES AND CRATES										
Total.....	100	10,006	27,946	9,009	17,465	22,471	46,094	97,991	51,897	1,226
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	28	1,772	5,089	1,646	3,082	4,201	13,078	26,754	13,676
.20 to .29.....		12	2,001	5,113	1,861	3,466	4,308	9,286	19,510	10,224
.30 to .39.....		23	2,834	8,274	2,469	4,998	6,600	12,815	24,632	11,817
.40 to .49.....		18	2,744	7,376	2,497	4,922	6,007	9,476	21,683	12,207
.50 to .59.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.60 to .69.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2443.--VENEER AND PLYWOOD CONTAINERS										
Total.....	105	5,416	12,850	5,059	9,245	11,013	18,323	30,271	11,948	579
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	15	394	729	342	668	643	2,014	3,236	1,222
.20 to .29.....		16	751	1,998	694	1,331	1,647	3,593	5,603	2,010
.30 to .39.....		14	731	1,696	690	1,270	1,477	2,510	4,015	1,505
.40 to .49.....		26	1,907	4,625	1,809	3,256	3,972	6,201	9,804	3,603
.50 to .59.....	}	16	952	2,233	882	1,619	1,887	2,627	4,500	1,873
.60 to .69.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 2445.--COOPERAGE											
Total.....	107	2,616	11,580	2,320	4,385	9,585	17,494	52,917	34,978	616	
Below .10.....	}	47	584	520	1,030	1,701	4,903	11,064	6,189	88	
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....	}	17	437	2,067	400	750	1,796	3,628	9,360	5,496	333
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....	}	11	769	4,026	668	1,332	3,241	4,969	17,725	12,468	85
.90 and above.....											
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2491.--WOOD PRESERVING											
Total.....	338	11,178	45,257	9,468	19,373	34,741	93,265	247,294	155,434	5,548	
Below .10.....	}	39	673	2,352	589	1,197	1,891	10,048	19,578	9,508	232
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....	}	42	1,652	6,614	1,432	2,809	5,277	19,848	45,757	26,267	734
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....	}	15	588	2,620	479	975	1,829	3,574	10,492	6,875	250
.90 and above.....											
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2499.--WOOD PRODUCTS, N.E.C.											
Total.....	2,896	57,981	237,442	49,994	99,538	184,311	420,283	785,367	365,201	32,940	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	25	219	734	193	331	647	4,477	6,587	2,042	218	
.20 to .29.....	183	1,596	5,906	1,357	2,651	4,753	22,882	39,316	16,286	1,082	
.30 to .39.....	232	3,841	16,437	3,271	6,782	12,643	45,788	78,833	33,573	7,321	
.40 to .49.....	295	10,187	49,000	8,727	18,086	39,298	106,890	175,949	70,279	8,229	
.50 to .59.....	667	13,803	55,380	11,861	23,318	42,229	100,944	192,193	91,960	7,205	
.60 to .69.....	358	9,307	38,938	7,957	15,857	28,831	59,991	111,773	52,189	2,445	
.70 to .79.....	264	8,299	31,371	7,198	14,000	24,054	42,096	80,943	38,359	1,865	
.80 to .89.....	139	3,732	14,353	3,310	6,633	11,556	16,884	35,563	18,537	999	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2511.--WOOD FURNITURE, NOT UPHOLSTERED											
Total.....	3,063	140,982	574,614	124,699	259,292	462,689	993,200	1,857,992	872,796	40,409	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	65	207	624	193	400	549	3,926	5,984	2,129	139	
.20 to .29.....	156	1,392	4,735	1,210	2,497	4,084	17,992	30,179	12,135	897	
.30 to .39.....	245	8,522	32,109	7,941	16,779	28,655	89,232	161,709	75,152	2,905	
.40 to .49.....	350	26,139	103,212	24,194	50,960	89,409	227,030	395,970	172,790	10,278	
.50 to .59.....	800	36,152	147,849	31,493	66,338	116,094	271,103	501,770	233,721	10,262	
.60 to .69.....	488	28,960	121,456	25,493	53,018	95,650	188,762	347,833	159,604	6,771	
.70 to .79.....	278	21,671	93,882	18,514	37,791	71,413	127,821	237,165	110,198	3,923	
.80 to .89.....	144	6,684	28,137	5,809	11,643	22,223	33,480	67,134	33,555	1,332	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2512.--WOOD FURNITURE, UPHOLSTERED											
Total.....	1,785	67,850	291,587	57,852	113,238	225,565	506,727	983,204	478,895	13,653	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	18	222	344	208	403	282	2,104	3,803	1,895	32	
.20 to .29.....	70	982	3,721	827	1,572	2,873	15,265	24,237	9,135	180	
.30 to .39.....	121	4,158	16,602	3,687	7,407	13,660	46,002	84,574	39,008	891	
.40 to .49.....	192	11,150	47,233	9,559	18,882	37,503	102,209	195,890	94,748	3,019	
.50 to .59.....	465	19,625	82,099	16,856	32,922	65,269	149,397	284,648	136,288	3,678	
.60 to .69.....	322	14,874	69,044	12,595	24,618	51,753	107,277	208,148	101,351	3,324	
.70 to .79.....	203	8,582	38,681	7,197	14,288	29,081	52,090	100,387	48,539	1,178	
.80 to .89.....	99	3,074	13,229	2,711	5,216	10,753	15,754	33,377	17,572	713	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 2445.--COOPERAGE											
Total.....	190	3,871	14,268	3,435	6,531	12,029	19,843	70,070	53,227	1,138	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	13	87	185	71	128	153	719	1,412	693	33
.20 to .29.....		24	167	524	151	307	473	1,497	3,267	1,770	53
.30 to .39.....		26	187	635	175	345	596	1,397	4,297	2,900	79
.40 to .49.....		34	518	1,970	465	953	1,728	3,670	8,191	4,521	114
.50 to .59.....		26	464	1,629	400	778	1,275	2,545	10,836	8,291	99
.60 to .69.....	}	19	1,057	3,920	938	1,810	3,337	5,032	13,849	8,817	242
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....											
.90 and above.....											
INDUSTRY 2491.--WOOD PRESERVING											
Total.....	306	10,933	36,625	9,173	17,877	28,064	72,508	202,957	130,449	3,661	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	11	183	605	159	268	493	4,244	6,060	1,816	85	
.20 to .29.....	22	366	1,187	308	613	908	4,492	9,730	5,238	121	
.30 to .39.....	46	1,595	5,258	1,326	2,510	4,030	15,184	35,407	20,223	389	
.40 to .49.....	57	2,462	8,588	2,080	4,057	6,693	19,063	53,896	34,833	683	
.50 to .59.....	43	1,918	7,058	1,664	3,441	5,612	13,203	38,059	24,856	849	
.60 to .69.....	36	1,692	5,114	1,392	2,627	3,858	7,803	23,618	15,815	497	
.70 to .79.....	20	420	1,328	357	734	1,034	1,789	6,348	4,559	128	
.80 to .89.....	14	295	888	251	478	691	1,036	3,605	2,569	134	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2499.--WOOD PRODUCTS, N.E.C.											
Total.....	2,725	46,434	162,622	39,517	76,562	125,030	267,014	522,333	255,319	14,008	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	71	225	517	195	340	446	3,198	4,968	1,770	227	
.20 to .29.....	165	786	2,656	685	1,351	2,229	10,283	18,220	7,937	524	
.30 to .39.....	279	2,448	7,536	2,085	3,940	6,172	21,376	38,472	17,096	1,229	
.40 to .49.....	299	4,463	14,791	3,887	7,330	11,820	32,524	57,844	25,320	1,719	
.50 to .59.....	364	8,060	27,595	6,753	12,838	20,939	49,938	100,486	50,548	2,790	
.60 to .69.....	377	10,724	40,474	9,154	17,893	30,849	62,630	118,025	55,395	3,040	
.70 to .79.....	252	8,252	30,393	6,944	13,520	22,281	41,062	77,399	36,337	1,258	
.80 to .89.....	199	4,376	13,649	3,828	7,490	10,859	16,195	32,497	16,302	831	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2511.--WOOD FURNITURE, NOT UPHOLSTERED											
Total.....	2,825	125,619	443,289	109,256	218,081	345,186	706,330	1,382,209	675,879	26,324	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	70	356	549	306	441	501	3,544	6,236	2,692	483	
.20 to .29.....	140	788	1,832	678	1,136	1,613	7,340	12,228	4,888	277	
.30 to .39.....	180	5,526	18,231	5,036	10,797	15,992	50,823	122,262	71,439	2,210	
.40 to .49.....	296	11,485	37,560	10,209	19,893	30,616	82,539	146,593	64,054	2,628	
.50 to .59.....	471	29,433	100,487	25,874	51,380	79,671	182,711	332,554	149,843	5,954	
.60 to .69.....	501	29,934	108,908	25,807	51,754	81,946	167,766	315,483	147,717	5,564	
.70 to .79.....	331	23,880	87,841	20,957	43,159	68,017	119,048	232,600	113,552	4,454	
.80 to .89.....	214	11,373	41,314	9,587	18,804	31,264	49,112	102,817	53,705	1,641	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2512.--WOOD FURNITURE, UPHOLSTERED											
Total.....	1,760	61,100	231,436	51,519	98,972	176,332	386,968	776,670	389,702	11,024	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	36	182	477	154	270	343	2,842	4,938	2,096	266	
.20 to .29.....	70	1,036	3,074	878	1,735	2,387	12,392	20,632	8,240	580	
.30 to .39.....	108	2,424	8,217	2,082	3,733	6,452	22,512	42,635	20,123	609	
.40 to .49.....	222	10,571	37,753	8,951	16,842	29,950	83,637	160,178	76,541	1,602	
.50 to .59.....	296	11,819	44,154	10,109	19,551	33,771	79,420	162,998	83,578	2,300	
.60 to .69.....	322	15,202	59,775	12,884	25,131	45,568	92,421	183,630	91,209	1,389	
.70 to .79.....	241	10,748	44,205	8,957	17,806	32,071	59,204	112,983	53,719	1,503	
.80 to .89.....	122	3,123	12,023	2,618	4,894	9,251	14,304	30,589	16,285	1,428	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2514.—METAL HOUSEHOLD FURNITURE										
Total.....	517	29,346	128,819	24,322	47,908	91,987	247,003	524,305	280,697	6,840
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	11	133	460	110	221	360	2,938	4,160	1,311	42
.20 to .29.....	23	897	3,308	718	1,523	2,494	13,115	24,189	11,290	392
.30 to .39.....	51	3,220	13,397	2,679	5,315	9,732	36,787	73,453	38,040	1,125
.40 to .49.....	95	5,625	22,830	4,918	9,186	16,737	50,147	102,264	54,718	1,065
.50 to .59.....	149	9,190	41,707	7,493	14,915	29,209	76,365	157,260	81,273	2,296
.60 to .69.....	63	6,269	29,097	5,170	10,117	20,219	46,236	102,846	56,123	882
.70 to .79.....	31	1,564	7,611	1,299	2,627	5,451	10,315	23,991	13,543	232
.80 to .89.....	22	1,482	6,711	1,199	2,441	5,057	7,900	22,261	14,291	670
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2515.—MATTRESSES AND BEDSPRINGS										
Total.....	1,120	30,061	146,287	22,993	45,765	94,589	285,510	641,008	357,997	7,310
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	22	178	806	135	239	479	5,008	8,090	3,097	113
.20 to .29.....	73	883	3,400	684	1,323	2,352	13,384	28,167	14,715	224
.30 to .39.....	122	4,049	19,332	3,207	6,576	13,417	53,477	112,361	60,047	2,306
.40 to .49.....	168	6,235	31,739	4,763	8,950	19,945	70,818	151,338	81,108	1,170
.50 to .59.....	236	8,082	41,205	6,021	12,163	26,701	73,969	160,023	86,561	1,474
.60 to .69.....	202	4,732	22,315	3,651	7,017	13,872	35,376	85,615	50,556	968
.70 to .79.....	77	2,970	14,772	2,342	4,831	9,654	19,998	49,591	29,775	452
.80 to .89.....	34	625	2,758	474	1,006	1,748	3,254	10,530	7,105	111
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2519.—HOUSEHOLD FURNITURE, N.E.C.										
Total.....	75	2,054	8,384	1,742	3,398	5,859	15,054	28,937	13,843	630
Below .10.....	17	495	2,354	402	850	1,707	6,684	11,290	4,777	245
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	29	590	2,426	501	988	1,443	4,211	7,907	3,647	131
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	14	792	2,798	682	1,239	2,075	3,452	7,849	4,222	227
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2521.—WOOD OFFICE FURNITURE										
Total.....	138	6,516	30,560	5,622	11,815	23,666	57,018	101,514	45,254	1,511
Below .10.....	29	1,151	4,848	992	2,076	3,901	14,969	25,672	11,042	238
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	26	2,325	11,138	2,024	4,359	8,701	20,432	34,654	14,593	541
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	41	2,044	9,528	1,755	3,663	7,051	15,236	28,528	13,386	612
.90 and above.....	18	496	2,702	417	837	2,082	3,699	7,241	3,536	42
	10	395	1,850	343	676	1,511	2,281	4,460	2,223	67
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2522.—METAL OFFICE FURNITURE										
Total.....	170	19,928	112,080	15,752	31,531	81,427	228,329	389,965	160,091	14,199
Below .10.....	14	1,592	7,654	1,129	2,214	5,068	28,366	36,949	8,787	893
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	21	3,217	19,506	2,652	5,231	15,143	52,908	80,620	27,743	855
.50 to .59.....	28	2,788	14,091	2,182	4,385	9,516	31,494	52,225	21,342	2,178
.60 to .69.....	37	6,590	40,206	5,090	10,166	28,411	75,490	141,195	64,024	8,675
.70 to .79.....	22	2,833	15,086	2,450	4,888	12,369	23,546	43,255	19,825	389
.80 to .89.....	28	2,079	10,873	1,637	3,353	7,922	13,867	25,733	11,755	114
.90 and above.....										
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new		
		Total	Payroll	Total	Man-hours	Wages						
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)					(\$1,000)	(\$1,000)
INDUSTRY 2514.--METAL HOUSEHOLD FURNITURE												
Total.....	626	30,338	124,620	24,576	48,170	89,165	218,667	496,147	277,480	6,266		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	16	218	555	199	428	514	3,368	6,062	2,694	66		
.20 to .29.....	35	466	1,577	376	695	1,168	6,051	13,736	7,685	294		
.30 to .39.....	65	3,133	13,149	2,581	5,291	9,470	36,279	72,457	36,178	1,132		
.40 to .49.....	88	3,704	12,744	3,221	6,571	9,882	28,183	61,583	33,400	641		
.50 to .59.....	105	7,409	30,286	6,001	11,491	21,073	55,432	115,149	59,717	1,182		
.60 to .69.....	95	5,546	23,744	4,477	8,691	16,609	36,793	84,346	47,553	881		
.70 to .79.....	73	6,125	27,281	4,847	9,638	19,985	37,026	92,680	55,654	771		
.80 to .89.....	25	1,712	7,810	1,263	2,383	5,289	9,044	22,523	13,479	321		
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
INDUSTRY 2515.--MATTRESSES AND BEDSPRINGS												
Total.....	1,215	31,713	132,258	24,651	47,874	88,197	248,801	572,150	323,349	7,333		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	48	208	535	165	291	382	3,226	5,377	2,151	63		
.20 to .29.....	75	615	2,013	478	889	1,381	7,801	13,221	5,420	203		
.30 to .39.....	146	3,720	15,677	2,967	5,750	11,284	43,783	89,966	46,183	1,779		
.40 to .49.....	157	5,812	26,031	4,400	8,592	17,232	58,018	121,243	63,225	1,207		
.50 to .59.....	217	8,910	37,739	6,883	13,216	24,368	69,500	155,654	86,154	2,424		
.60 to .69.....	186	5,102	22,404	3,970	7,684	14,108	34,846	87,683	52,837	465		
.70 to .79.....	95	3,044	12,300	2,385	5,060	8,456	16,879	42,120	25,241	425		
.80 to .89.....	60	1,471	6,267	1,094	2,027	4,073	7,558	20,738	13,180	202		
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
INDUSTRY 2519.--HOUSEHOLD FURNITURE, N.E.C.												
Total.....	93	2,205	8,383	1,850	3,424	6,406	16,176	30,643	14,467	686		
Below .10.....	-	-	-	-	-	-	-	-	-	-		
.10 to .19.....	}	16	134	516	109	206	383	2,286	4,271	1,985	56	
.20 to .29.....		18	558	2,198	456	873	1,686	5,932	10,095	4,163	333	
.30 to .39.....		}	22	902	3,260	781	1,361	2,459	5,658	9,817	4,159	92
.40 to .49.....			11	249	897	206	402	640	1,182	2,428	1,246	33
.50 to .59.....			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.60 to .69.....	}	16	134	516	109	206	383	2,286	4,271	1,985	56	
.70 to .79.....		18	558	2,198	456	873	1,686	5,932	10,095	4,163	333	
.80 to .89.....		22	902	3,260	781	1,361	2,459	5,658	9,817	4,159	92	
.90 and above.....		11	249	897	206	402	640	1,182	2,428	1,246	33	
		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2521.--WOOD OFFICE FURNITURE												
Total.....	150	5,821	23,516	4,957	10,007	17,627	38,427	68,392	29,965	840		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	}	35	927	3,437	817	1,681	2,826	7,839	13,053	5,214	78	
.20 to .29.....		27	1,326	5,320	1,141	2,378	4,046	9,566	16,810	7,244	278	
.30 to .39.....		31	2,042	8,527	1,692	3,314	6,029	13,365	23,545	10,180	163	
.40 to .49.....		19	816	3,398	709	1,491	2,656	4,618	8,076	3,458	253	
.50 to .59.....		15	412	1,530	348	659	1,063	1,819	3,758	1,939	35	
.60 to .69.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.70 to .79.....		16	134	516	109	206	383	2,286	4,271	1,985	56	
.80 to .89.....		18	558	2,198	456	873	1,686	5,932	10,095	4,163	333	
.90 and above.....		22	902	3,260	781	1,361	2,459	5,658	9,817	4,159	92	
		11	249	897	206	402	640	1,182	2,428	1,246	33	
INDUSTRY 2522.--METAL OFFICE FURNITURE												
Total.....	151	17,469	85,996	13,857	26,911	62,746	173,673	286,004	112,331	5,253		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	}	13	693	3,190	500	1,069	2,309	13,787	21,301	7,514	193	
.20 to .29.....		21	2,489	11,766	2,101	3,991	9,550	33,366	48,816	14,490	1,020	
.30 to .39.....		22	3,469	18,932	2,718	5,730	12,863	42,375	72,630	30,255	887	
.40 to .49.....		32	4,326	21,085	3,416	6,651	15,046	39,033	63,875	24,842	1,171	
.50 to .59.....		20	3,883	19,206	3,053	5,288	14,175	30,354	50,461	20,107	1,513	
.60 to .69.....	}	25	2,453	11,289	1,935	3,941	8,378	14,099	27,222	13,123	405	
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
	INDUSTRY 2531.--PUBLIC BUILDING FURNITURE										
Total.....	429	16,949	83,373	13,257	26,817	57,435	141,756	268,563	127,915	4,369	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	19	79	213	68	136	173	1,255	2,125	903	54	
.20 to .29.....	15	107	499	98	200	455	2,176	3,612	1,417	72	
.30 to .39.....	28	605	2,722	507	1,048	1,976	7,312	13,431	6,115	374	
.40 to .49.....	48	2,557	13,515	1,990	4,062	9,187	28,902	51,038	22,507	790	
.50 to .59.....	106	5,012	25,982	3,682	7,247	16,723	47,303	84,282	38,208	1,279	
.60 to .69.....	72	4,181	20,199	3,381	6,954	14,442	31,565	62,540	30,367	814	
.70 to .79.....	53	1,562	7,514	1,256	2,550	5,395	10,174	21,783	11,725	353	
.80 to .89.....	22	1,305	5,630	1,044	2,105	3,921	6,747	14,088	7,535	289	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
	INDUSTRY 2541.--WOOD PARTITIONS AND FIXTURES										
Total.....	1,594	24,343	142,521	19,446	40,037	106,292	219,194	389,609	172,517	6,766	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	11	66	322	54	104	249	1,811	2,474	661	23	
.20 to .29.....	64	600	2,290	399	771	1,719	8,193	13,864	6,026	177	
.30 to .39.....	103	812	4,241	689	1,402	3,504	11,709	18,780	7,061	348	
.40 to .49.....	156	1,614	8,793	1,352	2,759	6,716	19,375	34,093	15,330	567	
.50 to .59.....	339	4,786	25,818	3,902	7,988	19,520	46,391	79,222	33,467	1,727	
.60 to .69.....	282	5,843	33,645	4,588	9,375	24,576	51,955	90,907	39,412	1,583	
.70 to .79.....	188	4,641	29,828	3,654	7,640	22,113	39,982	69,455	30,031	1,149	
.80 to .89.....	91	2,831	19,321	2,307	4,794	14,431	23,000	42,323	19,260	623	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
	INDUSTRY 2542.--METAL PARTITIONS AND FIXTURES										
Total.....	513	20,290	119,301	14,926	31,673	79,160	214,301	377,843	165,724	8,520	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	29	2,014	10,929	1,667	3,445	8,620	43,921	64,156	19,503	2,337
.20 to .29.....		35	1,181	5,957	886	1,682	4,219	16,497	24,809	8,984	792
.30 to .39.....		64	2,591	15,146	1,769	3,836	9,263	32,494	56,307	24,548	1,648
.40 to .49.....		115	3,920	22,488	2,907	6,216	15,071	40,863	71,939	32,016	1,344
.50 to .59.....		75	4,590	27,839	3,446	7,176	18,750	42,808	80,917	38,236	1,018
.60 to .69.....		32	1,916	11,087	1,252	2,607	6,227	14,707	26,999	11,990	273
.70 to .79.....		35	1,687	10,049	1,204	2,592	6,252	11,926	24,007	12,368	637
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
		INDUSTRY 2591.--VENETIAN BLINDS AND SHADES									
Total.....	718	10,689	49,590	7,980	15,781	32,511	94,324	199,552	105,147	4,282	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	24	65	184	50	98	143	1,107	1,577	472	18	
.20 to .29.....	79	241	838	177	335	573	3,306	5,808	2,636	60	
.30 to .39.....	70	1,021	4,341	897	1,733	3,755	12,909	24,308	11,335	403	
.40 to .49.....	121	3,015	15,438	2,115	4,066	8,870	35,911	66,521	30,749	1,087	
.50 to .59.....	132	1,448	6,663	914	1,790	3,450	12,311	26,355	14,171	253	
.60 to .69.....	72	2,173	10,065	1,685	3,295	6,678	15,655	38,148	22,755	273	
.70 to .79.....	31	330	1,582	203	457	924	2,122	4,570	2,469	62	
.80 to .89.....	26	1,624	7,144	1,396	2,947	5,962	8,881	22,213	12,643	2,005	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
	INDUSTRY 2599.--FURNITURE AND FIXTURES, N.E.C.										
Total.....	356	7,540	39,591	6,171	12,443	28,809	65,871	121,572	55,303	1,691	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	20	113	536	91	182	356	2,261	3,446	1,194	50
.20 to .29.....		22	235	1,087	194	447	876	3,079	5,338	2,288	62
.30 to .39.....		73	1,250	5,725	1,068	2,194	4,306	12,560	23,164	10,599	367
.40 to .49.....		59	1,952	10,607	1,646	3,271	8,155	19,236	34,908	16,134	359
.50 to .59.....		56	1,890	9,828	1,540	3,119	7,141	14,762	24,895	10,311	470
.60 to .69.....		33	1,152	6,215	924	1,839	4,416	8,282	17,406	8,195	158
.70 to .79.....		20	516	3,181	388	763	1,917	3,715	6,819	3,001	135
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)	
		Total	Payroll	Total	Man-hours	Wages					
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)					
INDUSTRY 2531.--PUBLIC BUILDING FURNITURE											
Total.....	390	15,952	69,342	12,620	25,759	48,401	112,881	208,406	95,525	4,941	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	23	120	419	109	205	373	1,926	3,171	1,245	100
.20 to .29.....		19	602	2,606	480	1,031	2,021	7,422	10,087	2,665	249
.30 to .39.....		47	2,055	8,260	1,631	3,236	5,918	18,296	32,806	14,510	412
.40 to .49.....		60	3,754	17,585	2,993	5,835	12,119	32,782	56,528	23,746	1,154
.50 to .59.....		57	3,362	14,544	2,748	5,644	10,569	22,394	42,505	20,111	1,656
.60 to .69.....	58	2,378	9,654	1,839	3,958	6,958	13,063	24,544	11,481	561	
.70 to .79.....	39	1,477	5,554	1,182	2,438	4,030	6,535	13,686	7,151	263	
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....											
INDUSTRY 2541.--WOOD PARTITIONS AND FIXTURES											
Total.....	1,152	18,933	94,698	15,181	30,218	69,249	145,460	259,788	114,328	5,955	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	32	41	74	41	56	74	498	898	400	168	
.20 to .29.....	71	258	746	232	385	672	2,898	4,940	2,042	548	
.30 to .39.....	91	677	2,853	531	997	2,033	7,770	14,184	6,414	700	
.40 to .49.....	116	1,975	10,046	1,625	3,211	7,726	21,898	35,523	13,625	911	
.50 to .59.....	178	2,836	12,842	2,374	4,732	10,319	23,231	41,516	18,285	782	
.60 to .69.....	199	4,102	21,019	3,293	6,585	15,072	32,517	54,151	21,634	928	
.70 to .79.....	158	4,523	23,133	3,597	7,112	16,333	30,958	58,027	27,069	474	
.80 to .89.....	90	2,006	11,078	1,626	3,311	8,158	13,166	22,830	9,664	498	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2542.--METAL PARTITIONS AND FIXTURES											
Total.....	696	18,814	91,938	13,953	27,113	60,868	155,790	279,084	123,294	7,689	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	23	55	105	51	82	98	718	1,168	450	72	
.20 to .29.....	34	514	2,104	413	799	1,631	7,558	13,175	5,617	503	
.30 to .39.....	62	687	3,196	535	1,033	2,225	8,886	13,553	4,667	418	
.40 to .49.....	65	2,955	14,932	2,006	3,735	9,017	34,093	54,660	20,567	1,075	
.50 to .59.....	100	3,925	19,878	3,007	6,238	13,485	36,431	60,865	24,434	1,331	
.60 to .69.....	126	5,559	27,048	4,104	7,769	17,809	41,288	78,570	37,282	1,707	
.70 to .79.....	89	1,459	6,935	1,136	2,294	4,679	9,397	17,360	7,963	354	
.80 to .89.....	45	1,466	7,852	1,027	2,001	4,837	9,290	16,078	6,788	259	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2591.--VENETIAN BLINDS AND SHADES											
Total.....	850	11,309	44,020	8,306	15,543	28,749	84,856	189,618	104,762	3,336	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	53	123	287	108	194	259	1,790	3,413	1,623	130	
.20 to .29.....	107	348	946	298	512	823	3,928	7,517	3,589	159	
.30 to .39.....	128	1,109	3,906	954	1,791	3,171	10,875	24,618	13,743	498	
.40 to .49.....	127	2,255	10,381	1,657	3,119	6,041	23,929	47,561	23,632	723	
.50 to .59.....	113	3,025	10,692	2,098	3,876	7,737	20,143	40,476	20,333	1,055	
.60 to .69.....	83	1,205	4,866	815	1,615	2,771	7,476	18,291	10,815	301	
.70 to .79.....	45	1,650	7,090	1,169	2,210	4,013	9,658	26,403	16,745	216	
.80 to .89.....	37	319	1,237	224	417	746	1,499	4,035	2,536	29	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2599.--FURNITURE AND FIXTURES, N.E.C.											
Total.....	259	7,990	37,450	6,483	12,697	27,692	60,189	110,360	50,171	2,691	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	20	105	292	75	138	211	1,482	4,009	2,527	49
.20 to .29.....		20	259	982	208	415	751	2,838	5,065	2,227	40
.30 to .39.....		32	852	3,913	747	1,485	3,112	8,629	14,387	5,758	1,058
.40 to .49.....		57	1,715	7,194	1,437	2,707	5,331	13,199	25,478	12,279	1,004
.50 to .59.....		44	1,515	7,493	1,246	2,475	5,330	11,537	20,724	9,187	228
.60 to .69.....	25	2,982	15,111	2,341	4,657	11,175	19,691	33,829	14,138	219	
.70 to .79.....	16	285	1,330	191	388	852	1,583	3,431	2,302	22	
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....											

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2611.--PULP MILLS										
Total.....	45	15,123	107,359	12,242	25,156	81,018	295,804	609,050	312,600	38,899
Below .10.....	}	26	11,778	84,644	9,658	19,939	64,978	255,156	515,094	259,551
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	}	19	3,345	22,715	2,584	5,217	16,040	40,648	93,956	53,049
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
INDUSTRY 2621.--PAPER MILLS, EXCEPT BUILDING										
Total.....	325	129,848	877,942	105,636	234,596	682,034	1,857,203	3,824,915	1,970,987	232,779
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	17	6,933	48,641	5,734	12,255	38,235	183,907	324,224	138,640
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....										
.60 to .69.....	}	61	38,295	262,062	31,584	70,249	205,547	576,570	1,131,507	555,649
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
INDUSTRY 2631.--PAPERBOARD MILLS										
Total.....	271	63,398	429,017	51,334	113,145	326,960	1,186,224	2,315,954	1,131,197	159,528
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	45	19,642	134,309	15,866	33,918	102,582	539,477	966,608	425,493
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....										
.60 to .69.....	}	43	8,166	54,985	6,564	14,993	42,037	101,936	219,823	118,213
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
INDUSTRY 2641.--PAPER COATING AND GLAZING										
Total.....	387	31,983	200,794	23,262	49,931	130,287	457,367	1,161,604	709,870	45,602
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	21	2,274	13,758	1,750	3,601	10,084	97,891	224,125	125,790
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....										
.60 to .69.....	}	42	5,537	34,554	3,688	7,956	19,664	76,245	188,078	113,115
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
INDUSTRY 2642.--ENVELOPES										
Total.....	230	20,728	114,860	16,447	34,211	78,582	188,963	363,250	174,113	8,118
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	42	2,991	14,842	2,403	4,954	10,609	32,859	62,265	29,430
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....										
.60 to .69.....	}	73	5,620	32,379	4,348	9,019	21,254	58,547	104,825	46,480
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)
		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
INDUSTRY 2611.--PULP MILLS										
Total.....	59	14,171	74,797	11,450	22,648	56,491	196,026	427,997	231,971	42,991
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	14	3,365	17,368	2,689	4,971	13,135	79,940	141,101	61,161	5,633
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	13	5,213	27,225	4,341	8,398	21,719	71,928	158,779	86,851	13,705
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	20	4,102	21,879	3,275	6,923	15,613	37,123	97,315	60,192	20,862
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2621.--PAPER MILLS, EXCEPT BUILDING										
Total.....	354	131,334	740,988	109,266	238,433	570,040	1,542,746	3,259,415	1,716,669	258,769
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	25	9,444	54,365	7,677	16,208	41,543	218,659	417,958	199,299	39,016
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	51	20,661	118,750	17,627	38,364	95,639	340,384	683,377	342,993	62,987
.60 to .69.....	62	35,647	199,155	30,111	65,088	159,057	440,292	846,527	406,235	46,500
.70 to .79.....	69	23,177	126,994	19,053	42,429	97,436	235,441	503,716	268,275	25,618
.80 to .89.....	61	14,591	77,801	12,230	27,130	60,270	121,342	291,927	170,585	15,563
.90 and above.....	24	12,108	69,375	9,940	20,618	52,821	93,024	222,954	129,930	33,806
	22	7,379	40,270	6,058	13,927	30,503	48,734	146,291	97,557	12,037
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2631.--PAPERBOARD MILLS										
Total.....	252	57,086	321,765	47,533	102,760	252,164	840,057	1,690,918	850,861	102,100
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	31	9,893	58,040	8,321	17,564	46,230	246,468	444,288	197,820	17,995
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	50	14,684	80,430	12,413	26,515	63,589	235,725	445,173	209,448	19,784
.60 to .69.....	58	14,971	83,839	12,434	26,615	66,224	187,755	391,071	203,316	44,351
.70 to .79.....	42	7,879	44,371	6,397	14,192	33,804	83,114	197,679	114,565	8,634
.80 to .89.....	32	3,976	23,089	3,367	7,717	17,527	34,763	89,596	54,833	4,011
.90 and above.....	14	2,487	14,765	1,971	4,516	11,230	19,614	51,018	31,404	2,047
	12	1,458	7,575	1,154	2,441	5,437	9,003	23,926	14,923	1,083
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2641.--PAPER COATING AND GLAZING										
Total.....	340	27,794	143,476	20,652	43,399	94,206	319,588	805,185	485,597	16,837
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	15	975	4,802	752	1,545	3,594	42,397	66,653	24,256	116
.20 to .29.....	31	1,390	6,796	1,002	2,095	4,572	26,933	55,944	29,011	652
.30 to .39.....	47	3,163	17,161	2,490	5,361	11,676	47,434	121,883	74,449	2,685
.40 to .49.....	58	4,249	21,201	3,347	6,853	14,470	46,595	120,860	74,265	1,903
.50 to .59.....	56	6,947	36,462	4,855	10,477	22,771	63,591	171,859	108,268	3,436
.60 to .69.....	45	3,554	19,282	2,584	5,478	12,095	29,586	90,364	60,778	3,744
.70 to .79.....	27	1,380	7,849	1,173	2,444	5,995	10,276	28,186	17,910	944
.80 to .89.....	15	2,334	11,638	1,670	3,559	7,009	13,700	36,896	23,196	1,069
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2642.--ENVELOPES										
Total.....	205	17,757	84,566	14,303	29,445	58,156	138,318	271,631	133,313	6,430
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	13	69	259	63	106	230	994	1,814	820	63
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	32	1,433	6,837	1,133	2,376	4,525	14,786	27,187	12,401	664
.60 to .69.....	61	5,979	29,045	4,774	9,977	19,762	52,001	99,978	47,978	2,826
.70 to .79.....	57	6,176	29,428	5,063	10,421	20,417	43,376	87,618	42,242	1,580
.80 to .89.....	32	3,839	18,022	3,059	6,135	12,439	24,204	52,747	29,744	1,201
.90 and above.....										
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2643.--BAGS, EXCEPT TEXTILE BAGS										
Total.....	586	42,343	219,137	34,307	69,132	156,692	369,685	1,061,715	689,849	26,671
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	26	580	3,033	418	885	1,996	21,001	23,789	8,171	425
.20 to .29.....	36	1,482	6,786	1,202	2,675	5,116	25,439	48,285	23,106	2,510
.30 to .39.....	69	2,757	13,507	2,263	4,632	9,949	37,660	108,227	70,743	2,277
.40 to .49.....	126	7,446	33,045	6,064	11,893	24,031	74,336	182,788	109,166	5,385
.50 to .59.....	114	7,719	41,182	6,116	12,569	27,883	74,478	199,921	125,701	4,173
.60 to .69.....	71	8,524	43,909	6,997	13,899	32,347	67,250	191,576	124,085	3,977
.70 to .79.....	36	3,749	22,934	3,047	6,255	16,794	30,356	96,242	65,946	2,795
.80 to .89.....	27	3,663	21,401	2,652	5,416	13,103	25,046	81,868	54,733	2,504
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2644.--WALLPAPER										
Total.....	79	2,194	11,866	1,650	3,265	7,867	20,907	36,548	15,602	3,359
Below .10.....	20	386	2,159	302	598	1,440	6,428	9,006	2,559	117
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	27	858	4,515	625	1,162	2,743	7,817	12,615	5,171	112
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	17	736	4,058	583	1,218	2,908	5,259	11,878	6,604	116
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2645.--DIE CUT PAPER AND BOARD										
Total.....	425	15,135	83,373	11,696	23,524	57,070	183,185	378,332	200,276	7,731
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	13	56	224	50	93	183	1,268	3,764	2,527	244
.20 to .29.....	59	1,289	7,084	999	1,863	4,959	28,665	56,563	28,429	1,063
.30 to .39.....	76	2,397	12,303	1,861	3,639	8,895	36,032	62,115	26,523	956
.40 to .49.....	53	3,782	23,973	2,910	5,937	16,698	54,115	112,324	58,157	2,392
.50 to .59.....	59	2,232	11,239	1,802	3,707	7,802	21,051	49,641	29,228	1,093
.60 to .69.....	56	2,413	13,001	1,841	3,814	8,586	20,546	47,305	27,014	630
.70 to .79.....	26	789	4,270	606	1,260	2,806	5,817	11,791	5,948	346
.80 to .89.....	20	918	5,076	691	1,447	3,162	5,850	12,600	6,717	334
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2646.--PRESSED AND MOLDED PULP GOODS										
Total.....	59	5,720	32,862	4,522	9,697	24,207	70,006	110,135	40,772	11,558
Below .10.....	15	1,331	7,980	1,115	2,450	6,292	28,301	38,312	10,108	2,900
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	22	2,409	13,886	1,939	4,077	10,280	26,949	41,402	14,836	6,735
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	10	1,312	6,883	959	2,158	4,897	10,364	22,387	12,156	1,472
.90 and above.....	12	668	4,113	509	1,012	2,738	4,392	8,034	3,672	451
INDUSTRY 2651.--FOLDING PAPERBOARD BOXES										
Total.....	636	51,291	288,841	41,451	85,550	206,654	476,866	1,081,147	605,672	36,008
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	14	248	1,029	210	430	819	4,729	8,420	3,709	52
.20 to .29.....	44	2,354	11,493	1,971	4,120	8,562	30,978	61,003	31,693	1,592
.30 to .39.....	63	4,712	24,600	3,854	8,028	18,269	55,296	115,952	61,680	2,491
.40 to .49.....	175	14,671	81,628	12,062	24,939	59,169	146,601	309,626	165,523	7,411
.50 to .59.....	163	15,259	89,463	12,463	25,599	64,957	140,567	324,328	182,459	13,704
.60 to .69.....	75	9,184	54,059	7,089	14,546	36,706	72,682	185,133	112,934	7,087
.70 to .79.....	18	1,308	6,604	1,054	2,209	4,559	7,802	20,884	13,269	395
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)
		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
INDUSTRY 2643.--BAGS, EXCEPT TEXTILE BAGS										
Total.....	461	39,042	169,888	31,667	63,197	122,343	308,874	908,521	599,647	18,523
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	13	219	754	202	394	622	3,967	7,746	3,779	221
.20 to .29.....	28	844	3,325	723	1,169	2,492	11,799	27,515	15,716	594
.30 to .39.....	51	4,847	20,665	4,263	8,508	17,391	58,357	144,181	85,824	2,340
.40 to .49.....	81	5,378	22,268	4,309	8,871	15,698	49,601	134,317	84,716	2,400
.50 to .59.....	91	9,134	40,607	7,016	13,937	26,414	73,656	195,765	122,109	4,918
.60 to .69.....	73	6,585	29,640	4,988	10,131	19,570	46,327	133,279	86,952	2,187
.70 to .79.....	44	7,272	31,695	6,115	11,970	23,971	43,294	166,443	123,149	2,368
.80 to .89.....	16	1,223	5,084	1,038	2,223	3,857	6,066	25,596	19,530	1,015
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2644.--WALLPAPER										
Total.....	73	2,806	13,417	2,095	4,374	9,063	21,463	40,840	19,377	416
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	22	757	3,654	477	986	2,087	9,014	14,906	5,892	190
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	10	364	1,698	287	585	1,222	2,919	4,954	2,035	18
.60 to .69.....	13	708	3,255	569	1,125	2,321	5,024	9,472	4,448	58
.70 to .79.....	14	407	1,789	304	641	1,227	2,296	4,309	2,013	30
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2645.--DIE CUT PAPER AND BOARD										
Total.....	372	12,209	58,512	9,441	18,538	39,122	111,164	251,364	140,200	10,613
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	21	347	1,070	262	467	816	6,320	9,342	3,022	210
.20 to .29.....	31	701	2,890	560	1,094	2,243	11,703	30,656	18,953	1,349
.30 to .39.....	44	956	3,924	757	1,439	2,953	10,558	20,402	9,844	368
.40 to .49.....	65	2,325	10,561	1,654	3,276	6,512	23,614	49,749	26,135	817
.50 to .59.....	44	2,064	10,319	1,655	3,231	7,824	18,955	46,177	27,222	1,826
.60 to .69.....	53	1,436	6,655	1,134	2,329	4,416	10,344	25,250	14,906	196
.70 to .79.....	33	2,665	16,467	2,019	4,116	9,752	22,153	48,124	25,971	399
.80 to .89.....	19	560	2,307	462	894	1,656	2,798	5,403	2,605	533
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2646.--PRESSED AND MOLDED PULP GOODS										
Total.....	55	4,472	21,254	3,697	7,781	15,929	49,819	78,780	28,961	2,170
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	24	2,775	13,895	2,207	4,732	10,099	38,819	57,910	19,091	1,373
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	21	1,628	7,139	1,429	2,941	5,639	10,825	20,294	9,469	559
.60 to .69.....										
.70 to .79.....	21	1,628	7,139	1,429	2,941	5,639	10,825	20,294	9,469	559
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2651.--FOLDING PAPERBOARD BOXES										
Total.....	514	46,389	221,989	37,386	77,463	159,445	391,031	887,209	496,178	34,081
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	23	437	1,518	357	656	1,125	6,290	12,325	6,035	167
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	28	1,728	8,598	1,465	3,332	6,881	24,448	54,757	30,309	1,606
.60 to .69.....	82	9,193	43,529	7,426	15,407	32,999	95,820	203,174	107,354	5,500
.70 to .79.....	113	13,660	65,528	11,042	23,500	47,279	119,749	271,356	151,607	6,692
.80 to .89.....	124	11,942	58,521	9,442	19,105	39,248	90,531	194,802	104,271	7,441
.90 and above.....	62	4,926	23,101	4,072	8,446	17,015	30,998	75,139	44,141	1,277
	28	2,025	9,106	1,664	3,316	6,695	10,998	27,359	16,361	659
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
	INDUSTRY 2647.--SANITARY PAPER PRODUCTS									
Total.....	119	19,108	112,539	15,261	32,339	85,928	369,711	983,019	619,406	16,628
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	18	3,607	20,297	3,104	6,579	16,588	121,733	267,139	147,022	3,796
.20 to .29.....	16	4,945	29,389	3,781	8,713	24,050	113,296	261,296	149,593	3,640
.30 to .39.....	14	2,846	17,445	2,458	4,752	14,257	56,106	162,554	107,596	2,811
.40 to .49.....	19	2,313	13,774	1,780	3,694	9,381	29,619	95,094	66,198	1,990
.50 to .59.....	33	3,527	21,021	2,438	5,184	12,346	33,123	101,267	69,180	1,706
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	INDUSTRY 2649.--CONVERTED PAPER PRODUCTS, N.E.C.									
Total.....	610	29,514	141,902	22,214	43,598	92,055	302,546	591,750	290,411	11,853
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	18	240	1,351	196	431	1,083	9,292	15,643	5,917	128
.20 to .29.....	62	2,690	12,340	2,203	4,225	9,368	50,223	71,847	21,861	1,068
.30 to .39.....	61	2,699	12,778	2,114	4,049	8,561	36,201	70,792	34,735	1,567
.40 to .49.....	152	5,903	28,458	4,608	9,120	19,551	62,500	130,763	70,041	2,920
.50 to .59.....	110	9,647	45,194	6,865	13,375	27,943	83,725	169,337	86,088	3,119
.60 to .69.....	64	4,245	21,585	3,230	6,390	13,086	33,896	68,234	34,633	1,313
.70 to .79.....	36	1,539	7,532	1,084	2,115	4,472	10,022	19,188	8,221	222
.80 to .89.....	24	605	2,881	482	1,039	1,932	3,442	9,060	5,634	150
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	INDUSTRY 2652.--SET-UP PAPERBOARD BOXES									
Total.....	503	20,459	82,229	17,659	34,523	61,534	131,688	225,794	95,475	5,049
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	13	263	1,081	231	470	863	5,182	7,762	2,712	172
.20 to .29.....	20	822	3,384	736	1,482	2,787	9,778	15,617	6,270	295
.30 to .39.....	48	1,418	5,139	1,277	2,484	4,275	11,460	18,294	6,924	309
.40 to .49.....	129	5,192	20,432	4,442	8,660	15,369	37,082	62,301	25,757	1,669
.50 to .59.....	120	5,700	22,727	4,926	9,693	16,973	35,169	59,949	25,286	1,434
.60 to .69.....	75	4,523	19,100	3,825	7,436	13,472	25,256	44,440	19,382	803
.70 to .79.....	24	965	3,706	834	1,563	2,741	4,376	8,045	3,490	132
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	INDUSTRY 2653.--CORRUGATED SHIPPING CONTAINERS									
Total.....	923	83,229	485,594	62,800	132,289	323,829	804,012	2,166,137	1,367,723	54,094
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	30	997	4,652	825	1,580	3,459	20,472	40,202	20,870	601
.20 to .29.....	68	2,824	15,243	2,208	4,748	10,686	42,276	95,793	54,943	2,836
.30 to .39.....	127	10,508	59,823	8,049	17,073	39,770	129,969	296,382	168,013	5,419
.40 to .49.....	247	23,077	133,840	17,266	36,215	87,176	243,646	607,751	365,735	11,471
.50 to .59.....	175	20,817	124,774	15,736	33,308	83,833	194,206	525,854	332,584	11,384
.60 to .69.....	97	11,337	68,577	8,418	17,832	45,296	91,069	287,905	196,786	7,669
.70 to .79.....	36	4,651	28,446	3,561	7,619	19,709	33,716	114,419	80,142	3,901
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	INDUSTRY 2654.--SANITARY FOOD CONTAINERS									
Total.....	186	32,879	182,745	25,935	53,448	129,247	402,211	905,931	513,050	37,901
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	33	5,366	25,089	4,443	8,958	19,412	101,812	197,908	97,668	5,477
.20 to .29.....	32	7,043	38,003	5,768	12,096	27,677	107,753	227,438	126,589	13,117
.30 to .39.....	37	5,989	33,360	4,906	10,200	25,174	74,144	162,170	89,591	4,773
.40 to .49.....	27	3,997	24,030	3,293	6,715	18,447	44,019	108,912	65,671	3,351
.50 to .59.....	21	1,969	11,076	1,577	3,472	7,918	17,405	51,044	33,787	980
.60 to .69.....	10	6,466	40,393	4,471	8,954	23,891	51,791	111,187	59,274	4,666
.70 to .79.....										
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2649.--PAPER AND BOARD PRODUCTS, N.E.C.										
Total.....	739	46,892	213,489	37,353	71,999	145,481	463,668	1,245,092	781,424	26,504
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	30	1,261	5,276	2,174	2,075	4,156	33,038	61,162	28,124	543
.20 to .29.....	61	4,730	21,105	3,945	7,832	17,167	79,111	195,196	116,085	2,269
.30 to .39.....	101	7,629	36,364	6,238	12,357	27,541	108,382	296,322	187,940	3,210
.40 to .49.....	98	5,587	24,259	4,359	8,906	16,517	53,934	149,449	95,515	2,050
.50 to .59.....	117	10,761	51,402	7,288	14,841	28,779	91,725	220,059	128,334	4,551
.60 to .69.....	97	7,493	33,610	6,116	11,674	22,800	52,567	142,373	89,806	8,303
.70 to .79.....	66	3,271	14,499	2,538	5,141	9,506	19,529	51,894	32,365	931
.80 to .89.....	38	1,369	6,118	759	1,552	3,078	7,153	21,934	14,781	464
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2652.--SET-UP PAPERBOARD BOXES										
Total.....	527	23,532	80,924	19,942	38,304	59,368	124,892	219,240	94,348	5,930
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	14	191	626	152	305	463	2,280	3,436	1,156	111
.20 to .29.....	24	862	2,181	774	1,431	1,836	6,141	10,908	4,767	314
.30 to .39.....	46	1,360	4,428	1,150	2,312	3,376	9,670	16,411	6,741	360
.40 to .49.....	88	3,807	13,421	3,292	6,468	9,839	23,950	43,646	19,696	1,481
.50 to .59.....	142	7,234	24,662	6,198	11,768	18,417	37,762	65,703	27,941	1,267
.60 to .69.....	113	6,497	23,175	5,390	10,460	16,599	31,224	51,825	20,601	738
.70 to .79.....	44	2,135	7,986	1,807	3,475	5,762	9,555	17,425	7,870	392
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2653.--CORRUGATED SHIPPING CONTAINERS										
Total.....	805	70,792	345,117	53,531	110,517	233,981	596,934	1,635,650	1,038,716	51,955
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	12	81	180	38	71	132	1,126	1,805	679	116
.20 to .29.....	34	902	3,294	705	1,338	2,358	12,137	24,920	12,783	3,520
.30 to .39.....	97	4,459	17,126	3,608	7,306	13,339	48,609	115,400	66,791	3,939
.40 to .49.....	134	10,220	49,596	7,789	16,150	34,193	108,918	275,164	166,246	5,643
.50 to .59.....	174	20,711	104,902	15,635	32,725	70,355	190,383	501,410	311,027	10,031
.60 to .69.....	142	17,062	87,647	12,558	26,051	56,586	137,261	361,462	224,201	6,936
.70 to .79.....	62	7,865	37,476	5,833	11,842	25,133	50,649	159,625	108,976	7,291
.80 to .89.....	31	3,287	14,987	2,572	5,033	10,335	17,722	66,469	48,747	2,939
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2654.--SANITARY FOOD CONTAINERS										
Total.....	136	29,493	139,131	23,424	49,777	103,542	309,224	680,079	370,855	39,774
Below .10.....	-	-	-	-	-	-	-	-	-	-
.10 to .19.....	33	5,587	22,232	4,614	9,734	17,405	96,414	189,188	92,774	8,992
.20 to .29.....	23	3,037	13,351	2,350	4,791	9,698	38,161	90,194	52,033	2,030
.30 to .39.....	27	6,573	32,385	5,550	11,469	25,375	73,208	146,827	73,619	3,231
.40 to .49.....	27	3,616	17,250	2,904	6,021	12,314	30,717	70,968	40,251	4,376
.50 to .59.....	10	4,169	22,164	3,515	7,556	17,993	34,528	89,227	54,699	1,746
.60 to .69.....	16	6,511	31,749	4,491	10,206	20,757	36,196	93,675	57,479	1,744
.70 to .79.....	-	-	-	-	-	-	-	-	-	-
.80 to .89.....	-	-	-	-	-	-	-	-	-	-
.90 and above.....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2655.--FIBER CANS, TUBES, DRUMS, ETC.										
Total.....	246	13,188	67,488	11,221	22,816	50,275	126,196	260,257	134,220	7,689
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	22	917	4,574	806	1,688	2,646	18,870	43,344	904
.20 to .29.....		20	498	2,405	434	885	1,758	6,623	15,754	9,110
.30 to .39.....		39	1,947	10,927	1,741	3,778	9,087	24,590	54,138	29,483
.40 to .49.....		59	2,878	15,007	2,334	4,841	10,718	27,017	52,207	25,123
.50 to .59.....	}	43	4,443	23,158	3,781	7,588	17,815	35,597	63,856	28,308
.60 to .69.....		23	1,499	6,611	1,264	2,279	4,807	9,170	15,883	6,748
.70 to .79.....		10	295	1,332	253	487	1,030	1,556	3,407	1,816
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....										
INDUSTRY 2661.--BUILDING PAPER AND BOARD MILLS										
Total.....	83	11,874	69,637	10,158	21,362	56,909	153,103	281,564	130,225	8,065
Below .10.....	}	13	358	14,122	1,981	4,187	11,455	42,515	72,798	30,492
.10 to .19.....		26	6,003	35,078	5,125	10,768	28,224	78,228	136,663	60,044
.20 to .29.....		14	1,300	7,474	1,128	2,345	6,302	13,647	27,191	13,525
.30 to .39.....		14	1,278	7,419	1,099	2,373	6,174	11,591	25,733	14,144
.40 to .49.....	}	16	935	5,544	825	1,689	4,754	7,122	19,179	12,020
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
INDUSTRY 2711.--NEWSPAPERS										
Total.....	8,331	306,439	1,784,570	160,061	294,541	935,160	3,201,872	4,483,592	1,281,146	135,198
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	330	2,450	9,762	1,293	2,520	5,900	56,241	66,509	10,238	1,300
.20 to .29.....	500	3,405	15,424	1,951	3,795	9,130	62,760	76,901	14,048	2,637
.30 to .39.....	653	11,600	56,429	6,303	12,154	33,139	156,757	208,779	51,940	9,214
.40 to .49.....	1,026	60,731	348,129	30,108	55,991	179,298	765,423	1,039,594	273,967	32,490
.50 to .59.....	2,332	110,992	651,479	56,421	106,055	341,653	1,187,669	1,649,630	462,053	53,535
.60 to .69.....	1,103	67,415	407,668	35,766	64,232	209,949	633,852	908,517	274,590	23,537
.70 to .79.....	602	22,487	132,952	12,589	22,266	73,092	182,181	262,767	80,492	6,120
.80 to .89.....	331	10,399	70,980	6,142	10,547	35,174	82,961	128,977	45,988	2,784
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2721.--PERIODICALS										
Total.....	2,630	67,730	461,124	12,257	22,134	65,573	1,349,030	2,295,716	958,118	33,784
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	155	3,670	26,809	600	1,103	4,003	167,601	345,300	177,933	1,217
.20 to .29.....	247	14,426	112,299	1,204	2,380	7,782	476,785	828,554	358,737	10,710
.30 to .39.....	312	14,791	97,600	1,793	3,468	11,346	288,353	465,648	177,839	5,195
.40 to .49.....	446	10,889	70,810	3,019	4,712	13,123	156,203	209,572	54,483	2,758
.50 to .59.....	378	11,677	73,218	2,383	4,486	11,515	135,250	246,007	114,126	11,875
.60 to .69.....	174	4,554	32,139	1,013	1,818	6,699	50,304	68,095	17,768	505
.70 to .79.....	113	2,341	12,193	862	1,514	3,843	16,344	27,592	11,296	414
.80 to .89.....	69	1,021	6,521	354	617	2,173	7,698	13,305	5,625	476
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2731.--BOOKS, PUBLISHING AND PRINTING										
Total.....	993	46,812	280,664	11,810	23,450	59,474	995,736	1,534,632	582,345	25,426
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	100	4,846	33,116	446	906	2,626	194,331	283,523	98,181	6,198
.20 to .29.....	122	9,417	57,392	929	1,794	3,997	235,760	342,393	128,088	2,712
.30 to .39.....	138	11,354	64,573	1,874	3,751	9,377	180,226	285,296	113,559	5,191
.40 to .49.....	165	9,126	53,996	3,074	6,279	15,800	121,886	239,724	116,218	3,021
.50 to .59.....	98	3,695	20,798	1,695	3,370	8,404	37,018	56,523	22,554	2,687
.60 to .69.....	52	2,786	15,923	1,888	3,575	8,906	25,424	37,522	12,546	437
.70 to .79.....	41	1,646	9,870	805	1,596	4,832	13,396	30,551	17,585	644
.80 to .89.....	26	784	3,574	473	936	1,690	4,310	9,050	4,797	647
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)	
		Total	Payroll	Total	Man-hours	Wages					
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)					
INDUSTRY 2655.--FIBER CANS, TUBES, DRUMS, ETC.											
Total.....	198	10,971	47,855	9,250	18,399	36,527	79,548	165,627	86,079	8,268	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	19	138	497	119	243	426	1,922	4,123	2,201	29
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....	41	2,135	8,541	1,841	3,651	6,737	15,883	34,200	18,317	1,161	
.70 to .79.....	44	2,780	12,390	2,332	4,610	9,358	19,075	40,148	21,073	680	
.80 to .89.....	22	1,159	4,512	958	1,888	3,356	6,085	10,847	4,762	176	
.90 and above.....	13	2,096	10,348	1,665	3,332	7,127	12,537	21,662	9,125	4,733	
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2661.--BUILDING PAPER AND BOARD MILLS											
Total.....	181	20,658	102,717	17,539	37,337	83,139	215,050	391,786	176,736	23,167	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	13	486	2,064	403	847	1,635	7,842	11,760	3,918	383
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....	32	7,868	40,885	6,623	14,394	32,901	75,285	140,385	65,100	14,055	
.70 to .79.....	13	543	2,530	451	847	1,940	3,861	8,742	4,881	1,936	
.80 to .89.....	}	19	1,309	6,630	1,071	2,194	5,029	8,187	17,696	9,509	1,668
.90 and above.....											
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2711.--NEWSPAPERS											
Total.....	8,278	295,622	1,499,939	154,656	278,024	778,957	2,528,774	3,628,021	1,099,247	148,209	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	276	929	2,846	729	1,191	1,945	16,614	20,451	3,837	1,224	
.20 to .29.....	627	2,997	9,611	2,174	3,595	6,337	36,309	44,960	8,651	3,296	
.30 to .39.....	838	9,709	39,221	6,047	10,640	24,112	107,470	144,609	37,139	5,514	
.40 to .49.....	981	43,696	209,961	22,273	40,081	109,972	457,301	628,613	171,312	22,648	
.50 to .59.....	1,405	80,895	405,432	39,836	72,979	201,802	734,745	998,961	264,216	48,886	
.60 to .69.....	1,257	89,923	492,997	46,139	84,029	255,160	760,790	1,121,903	361,113	39,675	
.70 to .79.....	752	38,947	206,803	20,907	36,766	108,698	278,686	423,791	145,105	16,837	
.80 to .89.....	383	10,986	53,109	6,182	10,766	28,549	62,863	101,230	38,367	3,022	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2721.--PERIODICALS											
Total.....	2,332	66,749	386,710	11,711	21,214	56,769	974,513	1,729,485	754,972	35,051	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	173	2,149	12,296	86	162	210	78,349	111,097	32,148	701	
.20 to .29.....	270	9,484	65,882	352	629	1,529	254,673	448,981	194,308	11,540	
.30 to .39.....	295	17,753	96,874	4,442	8,417	23,687	270,547	498,639	228,092	10,182	
.40 to .49.....	305	8,707	50,394	1,042	1,917	4,706	110,757	181,641	70,884	3,155	
.50 to .59.....	323	14,148	86,707	2,903	5,119	14,243	159,049	243,872	84,823	5,917	
.60 to .69.....	233	5,002	27,415	971	1,791	4,578	42,919	91,238	48,319	1,339	
.70 to .79.....	135	3,512	16,452	941	1,539	4,038	22,296	37,675	15,379	554	
.80 to .89.....	74	1,314	6,651	318	541	1,158	7,924	17,603	9,609	415	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2731.--BOOKS, PUBLISHING AND PRINTING											
Total.....	903	38,502	191,859	11,023	21,088	44,463	616,241	1,033,144	416,903	13,090	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	119	3,492	20,143	145	149	635	131,940	208,263	76,323	1,758	
.20 to .29.....	129	7,710	35,036	1,170	2,010	4,529	139,140	224,952	85,812	3,310	
.30 to .39.....	128	7,285	37,541	1,219	3,151	4,697	110,808	172,053	61,245	1,693	
.40 to .49.....	99	5,263	27,662	927	1,712	3,562	63,172	108,078	44,906	2,017	
.50 to .59.....	107	2,792	11,768	1,320	2,570	4,255	21,267	39,484	18,217	711	
.60 to .69.....	58	4,815	23,097	2,732	5,031	11,528	36,807	57,300	20,493	998	
.70 to .79.....	36	2,996	9,216	654	1,084	2,426	12,630	22,612	9,982	128	
.80 to .89.....	28	2,854	16,069	1,925	3,768	9,422	19,209	49,239	30,030	904	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2732.--BOOK PRINTING										
Total.....	683	36,101	214,175	29,641	59,563	164,559	358,294	546,587	189,980	24,945
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	18	247	1,268	180	340	874	9,309	10,605	1,274	181
.20 to .29.....	28	312	2,235	255	514	1,623	9,227	11,436	2,284	88
.30 to .39.....	42	991	5,813	904	1,817	5,172	16,595	27,801	11,192	942
.40 to .49.....	57	3,374	15,270	2,816	5,504	11,319	33,820	55,354	21,497	1,811
.50 to .59.....	147	7,857	44,877	6,342	12,474	34,208	81,603	125,012	45,141	5,819
.60 to .69.....	138	11,997	75,385	9,949	21,018	58,424	116,743	171,229	53,436	8,730
.70 to .79.....	105	8,763	53,815	7,130	13,893	41,290	73,055	111,629	39,704	2,590
.80 to .89.....	42	1,211	7,134	968	1,805	5,298	8,633	13,177	4,464	326
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2741.--MISCELLANEOUS PUBLISHING										
Total.....	1,374	22,551	130,427	9,798	18,688	48,799	252,932	389,588	137,125	7,113
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	70	722	3,781	318	594	1,808	21,782	26,953	5,128	866
.20 to .29.....	90	1,928	10,101	818	1,906	4,968	37,848	61,586	23,969	483
.30 to .39.....	110	1,755	9,771	839	1,543	5,156	28,386	36,836	8,862	457
.40 to .49.....	115	3,063	15,007	1,884	3,379	7,936	33,548	57,415	24,453	1,369
.50 to .59.....	129	5,510	35,939	1,493	2,834	7,561	62,587	79,696	16,992	1,258
.60 to .69.....	108	2,592	15,883	1,363	2,463	6,723	24,362	33,996	9,840	784
.70 to .79.....	74	1,982	10,608	1,131	2,292	4,376	14,492	20,950	6,347	312
.80 to .89.....	93	1,716	12,935	611	1,131	3,386	15,064	37,212	22,093	377
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2751.--PRINTING, EXCEPT LITHOGRAPHIC										
Total.....	12,109	170,215	1,007,469	136,118	264,230	762,732	1,578,275	2,645,051	1,092,418	99,228
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	295	983	3,794	827	1,644	3,049	24,730	33,616	9,737	1,129
.20 to .29.....	913	3,330	13,571	2,817	5,483	11,321	54,833	76,772	27,303	2,783
.30 to .39.....	1,112	7,759	38,967	6,245	12,087	29,935	111,481	178,475	69,822	4,860
.40 to .49.....	1,254	13,246	67,016	10,412	20,247	50,175	147,741	243,949	98,547	10,114
.50 to .59.....	2,408	31,966	167,165	24,931	49,068	123,400	299,061	504,191	210,523	18,797
.60 to .69.....	1,581	32,670	197,587	25,708	49,737	143,635	303,806	492,649	193,196	15,371
.70 to .79.....	1,014	43,894	301,460	36,252	70,949	235,458	409,306	650,452	242,112	29,620
.80 to .89.....	515	17,055	106,972	13,950	26,045	84,404	127,063	206,163	79,790	6,959
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2752.--PRINTING, LITHOGRAPHIC										
Total.....	6,823	121,072	794,353	91,358	187,293	554,933	1,302,046	2,149,651	852,266	76,877
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	153	455	1,917	395	902	1,633	13,603	18,354	4,745	630
.20 to .29.....	488	3,009	14,778	2,455	5,133	11,368	56,207	80,327	24,875	1,943
.30 to .39.....	535	4,294	25,195	3,295	7,066	18,769	72,172	128,200	56,041	3,092
.40 to .49.....	690	11,189	68,222	8,545	17,854	48,125	149,635	234,775	86,493	8,281
.50 to .59.....	1,427	25,533	159,979	19,712	41,354	114,780	287,652	466,573	180,354	20,437
.60 to .69.....	1,117	31,298	213,956	23,798	47,776	149,309	328,994	545,883	218,408	19,716
.70 to .79.....	793	28,617	196,912	20,614	41,316	130,947	265,368	434,313	168,547	12,711
.80 to .89.....	340	7,916	56,735	5,911	12,386	39,396	67,691	115,993	48,246	4,351
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2753.--ENGRAVING AND PLATE PRINTING										
Total.....	580	9,022	50,703	7,126	13,812	38,164	80,748	111,138	31,078	3,836
Below .10.....	}	29	100	503	85	168	404	2,053	2,560	507
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2732.--BOOK PRINTING										
Total.....	791	28,625	143,990	23,732	46,758	112,312	226,793	357,652	130,859	10,846
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	51	110	255	83	128	185	1,566	2,462	896	78
.20 to .29.....	59	178	702	148	256	546	2,769	4,938	2,169	222
.30 to .39.....	71	636	2,792	557	1,093	2,337	7,835	13,970	6,135	421
.40 to .49.....	94	3,353	17,482	2,530	4,855	12,983	39,099	63,002	23,903	2,567
.50 to .59.....	104	3,626	17,090	3,036	5,874	13,175	31,203	49,451	18,248	1,137
.60 to .69.....	112	9,842	50,957	8,330	16,435	39,745	76,335	116,982	40,647	3,867
.70 to .79.....	107	6,669	34,775	5,689	11,181	27,484	46,297	67,598	21,301	1,187
.80 to .89.....	46	2,283	11,731	1,881	3,779	9,246	13,796	20,877	7,081	620
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2741.--MISCELLANEOUS PUBLISHING										
Total.....	1,104	19,301	91,753	6,538	12,029	28,633	199,181	307,916	108,735	5,993
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	89	705	2,541	122	227	538	14,886	47,769	32,883	276
.20 to .29.....	159	2,291	11,532	1,029	1,942	5,579	45,426	59,547	14,121	1,331
.30 to .39.....	133	1,284	5,565	450	797	1,886	15,903	22,816	6,913	600
.40 to .49.....	125	2,476	11,223	993	1,753	3,679	25,046	34,774	9,728	852
.50 to .59.....	109	3,325	16,620	635	1,170	2,189	31,898	47,148	15,250	572
.60 to .69.....	83	4,286	22,569	1,709	3,166	7,747	34,702	49,035	14,333	549
.70 to .79.....	62	1,784	8,517	931	1,718	4,116	11,496	16,017	4,521	481
.80 to .89.....	36	847	3,364	251	439	1,218	3,971	6,463	2,492	109
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRIES 2751 AND 2752.--COMMERCIAL PRINTING EXCEPT ENGRAVING										
Total.....	16,792	279,290	1,476,109	219,056	420,217	1,080,602	2,283,901	3,880,939	1,597,038	155,038
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	943	1,871	4,314	1,695	2,688	3,841	27,910	42,598	14,688	4,517
.20 to .29.....	1,323	4,450	15,049	3,881	6,493	13,119	52,326	80,422	28,096	4,361
.30 to .39.....	1,640	10,984	44,045	8,853	15,983	34,269	125,187	209,171	83,984	7,609
.40 to .49.....	1,923	21,249	99,240	16,831	31,954	75,731	220,222	366,456	146,234	14,990
.50 to .59.....	2,336	39,791	200,738	31,557	60,805	150,963	362,806	608,652	245,846	19,566
.60 to .69.....	2,317	65,763	363,556	51,623	100,910	261,155	554,258	914,643	360,385	32,722
.70 to .79.....	1,965	78,728	451,003	60,279	118,042	318,522	605,545	981,231	375,686	36,280
.80 to .89.....	1,054	29,629	165,843	20,311	43,879	124,072	196,578	333,909	137,331	9,745
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2753.--ENGRAVING AND PLATE PRINTING										
Total.....	528	9,047	43,115	7,228	13,554	33,348	64,471	87,202	22,731	3,596
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	21	56	100	47	77	88	587	750	163	64
.20 to .29.....	28	94	299	92	162	293	1,174	1,497	323	68
.30 to .39.....	37	206	1,005	182	373	883	2,838	3,077	239	148
.40 to .49.....	60	409	1,679	349	643	1,386	3,769	5,228	1,459	298
.50 to .59.....	87	1,465	5,753	1,132	2,122	4,285	10,605	14,861	4,256	564
.60 to .69.....	75	2,035	8,920	1,647	3,178	6,795	13,634	18,695	5,061	650
.70 to .79.....	64	2,660	12,926	2,161	4,028	10,535	17,770	23,389	5,610	1,314
.80 to .89.....	38	1,044	7,404	779	1,330	5,739	8,935	10,946	2,011	191
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
	INDUSTRY 2761.--MANIFOLD BUSINESS FORMS									
Total.....	502	28,796	173,238	21,259	43,296	116,680	377,710	637,673	259,263	23,084
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	15	1,052	5,737	747	1,668	4,107	33,614	49,956	16,465	3,270
.20 to .29.....	27	1,582	9,249	1,282	2,616	6,894	36,558	57,312	20,916	1,095
.30 to .39.....	45	4,963	27,985	3,676	7,502	20,735	78,561	126,303	47,206	3,196
.40 to .49.....	85	7,316	47,699	5,381	10,950	32,777	104,927	180,583	75,551	5,964
.50 to .59.....	133	4,986	28,537	3,882	8,085	19,355	51,730	89,892	38,475	5,272
.60 to .69.....	76	3,625	21,466	2,655	5,369	13,574	32,856	57,430	24,383	1,999
.70 to .79.....	46	3,058	19,152	2,042	4,034	11,463	25,653	46,260	20,185	1,425
.80 to .89.....	20	977	5,293	684	1,335	3,226	6,227	11,602	5,434	287
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	INDUSTRY 2771.--GREETING CARD MANUFACTURING									
Total.....	257	21,535	105,600	13,356	26,187	53,891	204,608	345,961	138,339	6,847
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	15	100	345	61	119	131	2,505	5,052	2,677	106
.20 to .29.....	34	480	1,499	399	760	995	5,411	8,386	2,975	77
.30 to .39.....	27	906	4,068	649	1,451	2,882	12,139	24,332	11,913	486
.40 to .49.....	42	9,391	48,978	4,476	9,151	19,442	108,201	178,519	67,348	3,448
.50 to .59.....	37	5,143	26,953	3,243	6,152	12,927	49,052	73,481	25,352	683
.60 to .69.....	23	1,395	6,520	1,126	2,353	4,625	10,039	19,141	9,136	563
.70 to .79.....	27	1,482	6,975	1,222	2,174	5,015	9,091	18,165	8,984	1,175
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	INDUSTRY 2782.--BLANKBOOKS; LOOSELEAF BINDERS									
Total.....	410	17,899	91,197	14,412	28,710	64,392	168,465	268,219	101,374	6,120
Below .10.....	30	448	1,740	370	751	1,235	7,102	9,307	2,892	106
.10 to .19.....										
.20 to .29.....	35	1,314	7,105	980	1,940	4,942	19,609	28,742	9,347	595
.30 to .39.....	50	3,621	18,548	2,000	5,997	13,873	40,865	64,081	23,035	1,990
.40 to .49.....	95	5,952	29,695	4,800	9,813	21,478	54,785	88,918	34,848	1,609
.50 to .59.....	65	3,326	16,831	2,725	5,348	11,799	26,310	42,293	16,122	1,043
.60 to .69.....	30	1,403	8,214	1,049	1,999	4,909	11,021	17,723	6,793	258
.70 to .79.....	18	384	2,228	277	527	1,393	2,691	4,729	2,082	55
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	INDUSTRY 2789.--BOOKBINDING AND RELATED WORK									
Total.....	1,043	24,338	114,977	21,664	40,849	92,900	172,298	228,477	57,501	7,994
Below .10.....	17	53	190	49	89	169	751	823	72	30
.10 to .19.....										
.20 to .29.....	57	433	1,743	376	683	1,408	4,974	6,628	1,640	257
.30 to .39.....	89	1,073	4,243	955	1,717	3,362	9,178	13,416	4,179	340
.40 to .49.....	162	3,824	17,682	3,448	6,447	14,176	31,793	39,789	8,772	1,142
.50 to .59.....	306	8,525	39,590	7,495	13,945	31,273	60,837	77,979	17,634	3,065
.60 to .69.....	154	7,974	39,608	7,140	13,948	32,498	52,948	71,373	18,568	2,440
.70 to .79.....	55	1,251	6,067	1,122	2,011	5,092	7,262	10,611	3,352	346
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	INDUSTRY 2791.--TYPESETTING									
Total.....	1,289	20,997	147,286	16,944	33,517	118,664	205,450	241,014	36,319	6,747
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	38	186	1,089	147	290	843	4,206	4,920	738	121
.20 to .29.....	54	201	939	171	331	851	2,618	2,968	355	97
.30 to .39.....	100	707	4,192	581	1,166	3,553	9,195	10,792	1,636	252
.40 to .49.....	136	1,554	9,840	1,307	2,464	8,459	17,730	19,518	1,845	779
.50 to .59.....	337	5,377	26,780	4,279	8,522	29,681	56,231	63,562	7,711	1,982
.60 to .69.....	233	7,534	55,695	6,022	11,806	44,575	74,395	84,812	10,645	2,322
.70 to .79.....	111	3,739	27,482	3,061	6,147	21,557	32,736	38,547	5,937	863
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)
		Total (number)	Payroll * (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
INDUSTRY 2761.--MANIFOLD BUSINESS FORMS										
Total.....	704	23,618	120,945	16,883	32,823	79,623	245,229	405,731	160,502	14,755
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	47	518	2,031	430	804	1,525	14,038	20,308	6,270	1,070
.20 to .29.....	57	1,292	5,454	988	1,940	3,899	21,723	32,087	10,364	1,100
.30 to .39.....	80	4,328	22,004	3,170	6,119	15,452	61,492	98,129	36,637	4,450
.40 to .49.....	66	1,472	7,033	1,073	2,159	4,923	16,492	26,859	10,367	1,522
.50 to .59.....	93	5,483	30,422	3,903	7,542	19,718	56,526	90,566	34,040	2,080
.60 to .69.....	120	6,125	32,086	4,074	8,004	19,968	49,158	86,320	37,162	2,282
.70 to .79.....	57	1,700	8,978	1,201	2,369	5,491	12,069	22,497	10,428	730
.80 to .89.....	35	1,152	4,990	899	1,715	3,586	5,963	11,752	5,789	590
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2771.--GREETING CARD MANUFACTURING										
Total.....	282	21,777	89,405	14,799	28,297	50,553	178,563	291,480	112,917	5,154
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	16	88	268	71	128	189	1,709	2,243	534	54
.20 to .29.....	36	661	1,926	426	793	1,068	7,356	14,556	7,200	329
.30 to .39.....	43	1,983	6,945	1,433	2,620	3,706	19,561	37,937	18,376	319
.40 to .49.....	33	8,360	38,212	4,989	9,600	19,072	86,463	131,234	44,771	2,306
.50 to .59.....	40	4,634	19,800	3,233	6,351	10,549	34,924	55,419	20,495	1,295
.60 to .69.....	41	1,435	6,296	1,146	2,294	4,434	9,757	15,561	5,804	351
.70 to .79.....	27	2,507	9,014	1,631	3,039	5,984	11,321	18,584	7,263	109
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2782.--BLANKBOOKS; LOOSELEAF BINDERS										
Total.....	434	17,872	79,024	13,756	26,838	52,740	132,660	217,862	85,202	6,805
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	41	389	1,248	341	644	969	4,645	6,536	1,891	243
.20 to .29.....										
.30 to .39.....	50	565	2,195	486	924	1,781	6,256	9,125	2,869	793
.40 to .49.....	52	3,289	14,474	2,663	5,233	10,234	31,056	48,541	17,485	1,960
.50 to .59.....	62	4,746	19,368	3,532	6,940	13,246	35,476	59,711	24,235	1,372
.60 to .69.....	80	3,349	15,915	2,613	5,035	10,108	24,372	39,141	14,769	1,038
.70 to .79.....	56	2,727	13,009	2,030	4,017	8,342	17,618	30,538	12,920	824
.80 to .89.....	33	1,605	6,922	1,213	2,379	4,390	8,452	13,558	5,106	162
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2789.--BOOKBINDING AND RELATED WORK										
Total.....	972	22,160	87,448	19,480	37,378	69,000	132,722	181,987	49,265	6,621
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	31	54	98	53	78	92	712	871	159	44
.20 to .29.....	49	209	622	184	294	525	2,469	3,416	947	80
.30 to .39.....	100	669	2,329	571	1,096	1,964	6,409	7,555	1,146	529
.40 to .49.....	113	1,448	4,988	1,207	2,156	3,864	11,185	14,439	3,254	585
.50 to .59.....	122	2,658	9,622	2,310	4,288	7,599	17,298	24,670	7,372	1,294
.60 to .69.....	181	6,428	25,493	5,725	11,048	20,216	39,100	55,498	16,398	1,904
.70 to .79.....	179	7,079	29,278	6,227	12,458	22,948	39,226	49,203	9,977	1,408
.80 to .89.....	54	1,917	7,934	1,727	3,105	6,384	9,634	13,249	3,615	262
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2791.--TYPESETTING										
Total.....	1,188	18,011	109,352	14,377	27,278	85,430	155,123	177,186	22,063	7,181
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	33	69	145	64	92	138	907	972	65	67
.20 to .29.....	60	120	404	111	189	388	1,569	1,857	288	318
.30 to .39.....	124	478	2,066	413	718	1,792	5,805	6,540	1,135	271
.40 to .49.....	128	889	4,425	731	1,323	3,717	9,832	11,064	1,232	560
.50 to .59.....	154	1,294	7,322	1,071	2,038	6,082	13,059	15,010	1,951	716
.60 to .69.....	194	3,386	20,351	2,684	5,091	15,862	30,956	35,507	4,551	1,246
.70 to .79.....	212	6,244	39,925	4,902	9,322	30,264	53,225	59,426	6,201	2,612
.80 to .89.....	123	4,128	26,615	3,266	6,384	20,664	31,736	35,847	4,111	919
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2793.--PHOTOENGRAVING										
Total.....	883	14,620	119,743	10,271	19,643	86,582	171,796	212,377	41,034	5,720
Below .10.....	}	36	121	793	85	171	631	3,091	449	166
.10 to .19.....		46	262	1,470	183	350	1,126	4,162	830	106
.20 to .29.....		59	671	4,404	450	912	3,175	9,553	14,361	4,888
.30 to .39.....		112	1,475	10,206	1,123	2,156	8,035	18,484	22,536	4,123
.40 to .49.....	}	153	2,967	24,403	2,126	4,088	17,897	37,320	44,959	7,648
.50 to .59.....		233	5,314	46,648	3,712	6,924	33,106	63,031	75,602	12,549
.60 to .69.....		108	2,322	18,658	1,584	3,058	13,511	22,449	27,844	5,398
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....	}	184	5,116	39,290	3,768	7,266	28,485	57,173	76,068	18,973
.90 and above.....		11	215	2,015	156	359	1,161	5,044	7,717	2,695
Below .10.....		24	577	4,280	422	805	3,010	7,955	10,185	2,243
.10 to .19.....		35	994	7,793	730	1,387	5,652	11,799	15,118	3,329
.20 to .29.....	}	62	2,356	18,270	1,764	3,387	13,640	24,527	32,247	7,750
.30 to .39.....		21	727	5,381	562	1,086	4,030	6,384	8,673	2,287
.40 to .49.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.50 to .59.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.60 to .69.....	}	38	19,652	138,156	13,489	27,594	88,091	389,243	652,120	263,553
.70 to .79.....		26	12,334	85,391	8,945	18,773	58,791	299,803	482,277	184,660
.80 to .89.....		12	7,318	52,765	4,544	8,821	29,300	89,440	169,843	78,893
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2812.--ALKALIES AND CHLORINE										
Total.....	456	9,809	66,551	5,250	11,069	33,458	260,182	425,388	164,374	93,518
Below .10.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....		45	925	6,379	598	1,306	4,082	43,163	62,930	19,393
.20 to .29.....		76	1,476	10,602	756	1,683	5,149	43,958	64,382	20,443
.30 to .39.....		73	1,624	11,556	786	1,660	4,789	34,055	55,670	21,702
.40 to .49.....	}	49	1,767	11,800	911	1,930	5,828	26,189	55,058	28,626
.50 to .59.....		29	714	4,675	336	696	1,990	8,470	14,473	6,297
.60 to .69.....		21	346	2,205	149	293	890	3,458	7,251	3,562
.70 to .79.....		14	514	3,231	262	528	1,469	4,202	9,988	5,737
.80 to .89.....	}	12	576	4,028	368	783	2,639	4,839	13,800	8,969
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2813.--INDUSTRIAL GASES										
Total.....	456	9,809	66,551	5,250	11,069	33,458	260,182	425,388	164,374	93,518
Below .10.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....		45	925	6,379	598	1,306	4,082	43,163	62,930	19,393
.20 to .29.....		76	1,476	10,602	756	1,683	5,149	43,958	64,382	20,443
.30 to .39.....		73	1,624	11,556	786	1,660	4,789	34,055	55,670	21,702
.40 to .49.....	}	49	1,767	11,800	911	1,930	5,828	26,189	55,058	28,626
.50 to .59.....		29	714	4,675	336	696	1,990	8,470	14,473	6,297
.60 to .69.....		21	346	2,205	149	293	890	3,458	7,251	3,562
.70 to .79.....		14	514	3,231	262	528	1,469	4,202	9,988	5,737
.80 to .89.....	}	12	576	4,028	368	783	2,639	4,839	13,800	8,969
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2814.--CYCLIC (COAL TAR) CRUDES										
Total.....	36	1,636	11,009	1,314	2,855	8,615	35,103	105,172	70,566	2,225
Below .10.....	}	15	524	3,728	379	789	2,529	17,017	43,911	27,863
.10 to .19.....		11	888	6,083	759	1,695	5,145	16,299	53,585	37,155
.20 to .29.....		10	224	1,198	176	371	941	1,787	7,676	5,548
.30 to .39.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.40 to .49.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.50 to .59.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.60 to .69.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2793.--PHOTOENGRAVING										
Total.....	914	17,251	125,337	12,344	23,020	91,407	172,158	208,911	36,753	6,992
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	21	39	204	35	57	171	1,459	1,976	517	118
.20 to .29.....	28	172	1,120	145	338	821	4,588	7,274	2,686	234
.30 to .39.....	64	462	2,484	385	621	2,033	6,831	7,897	1,066	305
.40 to .49.....	79	673	3,457	549	923	2,849	7,766	9,303	1,537	640
.50 to .59.....	91	930	5,309	681	1,289	3,969	9,685	11,969	2,284	378
.60 to .69.....	107	2,144	15,736	1,530	2,874	11,857	23,677	27,938	4,261	1,114
.70 to .79.....	211	5,748	43,849	4,072	7,672	31,616	58,435	68,888	10,453	1,622
.80 to .89.....	157	4,747	36,450	3,286	6,201	26,082	43,074	50,431	7,357	926
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2794.--ELECTROTYPEING AND STEREOTYPING										
Total.....	226	6,759	44,173	4,966	9,274	31,795	62,675	81,143	18,468	2,216
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	27	474	2,965	353	708	2,122	7,056	9,686	2,630	922
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	30	451	2,663	343	632	1,983	4,703	6,234	1,531	105
.60 to .69.....	44	1,325	8,907	956	1,761	6,210	13,540	16,945	3,405	230
.70 to .79.....	64	2,792	18,918	2,078	3,927	13,794	25,351	32,059	6,708	576
.80 to .89.....	35	1,201	7,344	860	1,535	5,206	8,676	11,164	2,488	186
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2812.--ALKALIES AND CHLORINE										
Total.....	34	20,476	115,024	13,905	28,440	75,079	306,187	504,309	198,122	27,871
Below .10.....	34	20,476	115,024	13,905	28,440	75,079	306,187	504,309	198,122	27,871
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	34	20,476	115,024	13,905	28,440	75,079	306,187	504,309	198,122	27,871
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	27	653	3,485	319	675	1,760	4,481	7,475	2,994	148
.90 and above.....										
INDUSTRY 2813.--INDUSTRIAL GASES										
Total.....	491	10,642	56,661	5,813	12,668	30,576	174,249	277,441	103,192	48,578
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	60	979	5,251	736	1,603	3,813	31,470	45,023	13,553	12,253
.20 to .29.....	68	2,214	11,966	1,476	3,234	8,004	47,463	79,814	32,351	9,467
.30 to .39.....	75	1,621	8,901	862	1,955	4,690	25,440	36,889	11,449	7,537
.40 to .49.....	61	1,360	7,149	683	1,572	3,627	15,999	26,813	10,814	2,625
.50 to .59.....	56	1,352	6,904	529	1,114	2,626	12,758	21,628	8,870	2,556
.60 to .69.....	25	789	4,366	313	656	1,535	6,836	11,442	4,606	854
.70 to .79.....	27	653	3,485	319	675	1,760	4,481	7,475	2,994	148
.80 to .89.....										
.90 and above.....										
INDUSTRY 2814.--CYCLIC (COAL TAR) CRUDES										
Total.....	45	2,084	12,008	1,677	3,482	9,025	29,993	116,972	86,979	4,036
Below .10.....	18	263	1,428	182	383	923	6,870	23,286	16,416	269
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	27	1,821	10,580	1,495	3,099	8,102	23,123	93,686	70,563	3,767
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	27	653	3,485	319	675	1,760	4,481	7,475	2,994	148
.90 and above.....										

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 2815.--INTERMEDIATE COAL TAR PRODUCTS											
Total.....	141	26,089	190,849	17,576	35,725	116,149	570,234	1,107,583	563,580	104,600	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	33	6,534	46,645	4,729	9,514	30,253	219,331	408,363	193,020	
.20 to .29.....		23	6,801	53,695	4,465	9,048	32,154	155,226	295,391	158,173	
.30 to .39.....		32	9,103	64,416	6,098	12,328	38,986	148,095	293,888	150,516	
.40 to .49.....	}	29	3,097	22,511	1,957	4,160	12,796	36,733	80,085	4,344	
.50 to .59.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.60 to .69.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.70 to .79.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2816.--INORGANIC PIGMENTS											
Total.....	96	11,544	76,372	8,135	16,161	49,859	286,407	484,768	194,171	17,365	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	35	6,561	46,431	4,653	9,334	30,829	220,375	330,236	107,135	
.20 to .29.....		22	2,542	15,726	1,754	3,448	9,812	36,794	80,478	42,784	
.30 to .39.....		25	2,035	12,882	1,469	2,855	8,348	20,929	53,716	32,372	
.40 to .49.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.50 to .59.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.60 to .69.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.70 to .79.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2818.--ORGANIC CHEMICALS, N.E.C.											
Total.....	464	85,492	677,252	56,370	114,438	405,019	2,727,450	4,840,176	2,105,674	400,981	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	73	21,991	176,205	14,610	29,392	108,127	1,118,256	1,836,106	702,097	132,887	
.20 to .29.....	89	14,592	115,237	9,855	19,716	71,471	449,129	797,684	346,442	65,996	
.30 to .39.....	58	19,390	152,884	13,042	27,231	95,522	430,604	854,009	424,589	67,541	
.40 to .49.....	57	11,128	93,894	6,735	13,332	48,708	215,899	449,373	238,383	28,603	
.50 to .59.....	39	4,890	35,380	3,485	6,857	22,705	66,762	158,872	92,266	8,724	
.60 to .69.....	27	3,286	24,179	2,205	4,392	12,347	36,194	100,822	66,454	12,777	
.70 to .79.....	}	30	1,472	12,756	975	1,937	6,907	16,969	52,828	35,426	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2819.--INORGANIC CHEMICALS, N.E.C.											
Total.....	674	82,430	603,036	53,515	108,078	351,697	1,902,563	3,493,870	1,586,497	137,107	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	105	7,706	52,522	5,561	11,276	35,501	343,172	622,775	279,728	17,793	
.20 to .29.....	134	14,507	102,395	10,558	21,563	68,659	409,443	716,495	308,167	43,730	
.30 to .39.....	96	32,022	238,690	19,008	37,722	125,035	664,322	1,120,680	457,482	14,008	
.40 to .49.....	70	16,440	127,489	10,607	21,349	73,878	298,717	465,192	165,854	14,626	
.50 to .59.....	53	3,383	22,192	2,540	5,401	15,052	40,432	127,621	85,270	3,997	
.60 to .69.....	30	1,780	11,949	1,280	2,707	7,941	18,390	68,923	49,553	2,559	
.70 to .79.....	15	651	4,562	337	676	2,121	6,122	18,631	11,931	1,592	
.80 to .89.....	12	192	903	144	299	619	1,059	4,824	3,746	131	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2821.--PLASTICS MATERIALS AND RESINS											
Total.....	509	61,366	437,566	41,446	86,134	264,499	1,202,349	2,571,492	1,371,262	137,781	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	52	3,142	22,315	2,079	4,341	13,825	148,264	312,346	165,465	12,847	
.20 to .29.....	71	7,949	57,832	5,234	10,903	33,283	244,333	488,523	243,989	24,819	
.30 to .39.....	110	14,607	106,619	9,020	18,427	57,785	316,579	583,758	271,106	34,582	
.40 to .49.....	81	13,828	97,390	9,613	19,934	60,672	225,759	515,469	289,280	22,818	
.50 to .59.....	57	11,616	80,400	9,132	19,547	58,840	147,911	318,429	168,025	13,213	
.60 to .69.....	30	3,286	23,650	2,127	4,437	13,517	36,220	112,481	75,173	5,829	
.70 to .79.....	}	18	3,944	29,720	2,426	4,719	16,027	37,161	102,020	614,779	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 2815.--INTERMEDIATE COAL TAR PRODUCTS											
Total.....	115	26,218	155,411	17,930	35,503	97,263	373,106	817,387	444,281	73,919	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	20	4,172	25,272	3,056	6,300	17,873	105,453	211,761	106,308	17,369
.20 to .29.....		26	7,843	46,463	5,579	10,602	30,106	148,474	276,462	127,988	20,610
.30 to .39.....		14	5,857	34,204	3,653	7,261	19,043	68,472	145,989	77,517	5,792
.40 to .49.....	}	38	5,179	30,392	3,363	6,763	18,029	48,940	120,719	71,779	4,492
.50 to .59.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.60 to .69.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2816.--INORGANIC PIGMENTS											
Total.....	99	11,368	61,867	7,958	15,980	40,949	235,658	417,673	182,015	42,880	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	10	1,975	11,392	1,473	2,943	8,537	80,379	109,159	28,780	5,173	
.20 to .29.....	12	3,840	21,717	2,540	5,191	14,188	92,008	142,890	50,882	15,509	
.30 to .39.....	16	1,868	10,295	1,397	2,726	7,022	29,965	70,779	40,814	2,703	
.40 to .49.....	13	905	4,239	672	1,346	2,904	9,478	24,827	15,349	365	
.50 to .59.....	11	1,746	9,091	1,133	2,266	5,245	16,400	34,038	17,638	542	
.60 to .69.....	13	194	971	135	255	476	1,519	3,763	2,244	64	
.70 to .79.....	}	11	556	2,739	382	796	1,626	3,528	8,629	5,101	1,187
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2818.--ORGANIC CHEMICALS, N.E.C.											
Total.....	334	77,442	508,433	51,966	103,917	312,380	1,725,790	3,097,963	1,372,173	330,317	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	46	7,669	49,971	5,437	10,914	32,855	384,942	563,189	178,247	75,864	
.20 to .29.....	57	19,552	127,743	12,522	25,340	76,582	513,246	923,916	410,670	85,683	
.30 to .39.....	55	21,036	135,779	14,423	29,072	87,031	397,013	700,206	303,193	35,211	
.40 to .49.....	42	10,325	74,779	6,299	12,442	39,658	163,252	344,009	180,757	22,747	
.50 to .59.....	44	12,133	80,209	9,015	17,532	53,539	149,838	357,180	207,342	46,130	
.60 to .69.....	25	3,594	23,062	2,051	4,240	11,757	34,718	107,119	72,401	17,386	
.70 to .79.....	16	1,176	7,262	898	1,831	5,214	9,934	41,714	31,780	23,732	
.80 to .89.....	8	187	1,173	109	216	507	1,395	5,299	3,904	451	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2819.--INORGANIC CHEMICALS, N.E.C.											
Total.....	580	89,874	550,279	58,395	118,720	327,168	1,468,854	2,754,427	1,285,573	138,434	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	83	5,805	33,845	4,382	9,272	24,511	212,395	407,027	194,632	16,992	
.20 to .29.....	105	8,140	46,567	5,768	11,385	30,227	184,605	327,771	143,166	24,798	
.30 to .39.....	93	15,953	91,419	11,790	24,258	63,040	264,502	591,911	327,409	38,566	
.40 to .49.....	76	41,823	273,456	24,047	48,493	142,966	615,485	935,835	320,350	9,942	
.50 to .59.....	53	7,591	44,958	5,303	10,992	29,408	83,223	212,597	129,374	14,605	
.60 to .69.....	25	1,916	10,162	1,530	3,130	7,443	15,626	51,489	35,863	3,792	
.70 to .79.....	25	1,139	6,855	773	1,572	4,307	9,087	26,194	17,107	387	
.80 to .89.....	15	2,982	17,860	1,895	3,630	10,171	21,240	50,619	29,379	4,282	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2821.--PLASTICS MATERIALS AND RESINS											
Total.....	349	51,003	308,212	35,305	72,035	189,321	871,956	1,846,667	974,711	178,882	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	31	3,194	19,399	2,241	4,544	12,295	127,535	219,118	91,583	21,107	
.20 to .29.....	44	6,042	36,046	4,357	8,803	23,974	143,567	299,688	156,121	19,602	
.30 to .39.....	54	17,840	108,045	12,965	26,175	69,134	313,032	625,144	312,112	44,159	
.40 to .49.....	54	9,887	59,284	6,275	13,082	33,675	128,753	284,003	155,250	18,286	
.50 to .59.....	45	6,191	36,998	4,461	9,086	23,312	66,635	187,025	120,390	10,242	
.60 to .69.....	35	2,007	12,264	1,246	2,702	6,187	19,146	59,273	40,127	2,265	
.70 to .79.....	13	2,228	14,485	1,442	2,867	8,226	20,231	45,243	25,012	4,684	
.80 to .89.....	10	527	3,363	322	657	1,790	4,041	12,719	8,678	402	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2822.--SYNTHETIC RUBBER										
Total.....	24	11,840	93,507	7,844	15,915	56,615	329,520	763,891	435,355	32,328
Below .10.....	}	11	6,722	51,985	4,704	9,385	33,276	236,561	519,843	283,215
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	13	5,118	41,522	3,140	6,530	23,339	92,959	244,048	152,140
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}									
.90 and above.....										
INDUSTRY 2823.--CELLULOSIC MAN-MADE FIBERS										
Total.....	19	30,086	167,028	24,015	48,114	120,492	411,529	731,815	320,028	38,129
Below .10.....	}	19	30,086	167,028	24,015	48,114	120,492	411,529	731,815	320,028
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	19	30,086	167,028	24,015	48,114	120,492	411,529	731,815	320,028
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}									
.90 and above.....										
INDUSTRY 2824.--ORGANIC FIBERS, NONCELLULOSIC										
Total.....	25	41,421	275,809	28,385	57,240	161,042	922,001	1,403,178	487,777	170,323
Below .10.....	}	13	29,203	202,174	20,002	40,346	117,298	799,532	1,142,831	344,291
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	12	12,218	73,635	8,383	16,894	43,744	122,469	260,347	143,486
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}									
.90 and above.....										
INDUSTRY 2831.--BIOLOGICAL PRODUCTS										
Total.....	113	5,789	33,813	3,649	7,228	17,032	60,377	95,744	38,250	10,091
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	11	139	761	92	180	367	3,947	4,928	1,210
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	}	13	1,295	7,189	779	1,607	3,437	16,208	22,834	8,179
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	}	43	1,458	8,260	1,127	2,240	5,741	13,088	24,159	11,895
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2833.--MEDICINALS AND BOTANICALS										
Total.....	138	8,128	59,324	5,325	11,134	33,606	151,297	305,793	155,525	13,951
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	16	947	6,440	623	1,271	3,708	36,669	55,901	19,562
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	}	26	4,051	30,222	2,767	5,705	18,485	63,982	118,836	54,616
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	}	39	2,121	16,177	1,198	2,462	7,403	27,919	59,082	30,944
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2822.--SYNTHETIC RUBBER										
Total.....	18	9,252	60,909	6,223	12,533	37,648	197,866	536,348	338,482	16,046
Below .10.....	}	18	9,252	6,223	12,533	37,648	197,866	536,348	338,482	16,046
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
INDUSTRY 2823.--CELLULOSIC MAN-MADE FIBERS										
Total.....	26	42,597	211,513	31,753	62,466	141,001	390,310	722,818	332,508	42,619
Below .10.....	}	14	22,535	17,136	33,754	77,000	269,071	501,269	232,198	10,396
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
INDUSTRY 2824.--ORGANIC FIBERS, NONCELLULOSIC										
Total.....	14	18,684	102,742	12,899	26,025	61,864	439,638	688,365	248,727	28,638
Below .10.....	}	14	18,684	102,742	12,899	26,025	61,864	439,638	688,365	248,727
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
INDUSTRY 2831.--BIOLOGICAL PRODUCTS										
Total.....	116	3,692	16,218	2,567	4,999	9,736	38,947	63,833	24,886	4,565
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	12	673	3,024	512	1,044	1,942	14,639	20,703	6,064
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
INDUSTRY 2833.--MEDICINALS AND BOTANICALS										
Total.....	129	10,246	62,877	6,640	13,810	35,500	175,817	322,286	146,469	34,770
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	10	1,509	5,414	769	1,555	3,787	44,573	68,081	23,508	3,098
.20 to .29.....	13	1,023	5,646	755	1,543	3,669	21,569	34,036	12,467	6,357
.30 to .39.....	11	645	4,361	324	680	1,753	13,110	26,967	13,857	775
.40 to .49.....	25	4,965	32,422	3,169	6,888	18,661	72,497	113,232	40,735	21,514
.50 to .59.....	19	519	2,968	362	710	1,630	5,487	14,516	9,029	535
.60 to .69.....	11	707	4,765	272	518	1,357	7,548	17,575	10,027	378
.70 to .79.....	}	16	613	3,231	507	1,026	2,560	4,417	17,674	13,257
.80 to .89.....										
.90 and above.....										

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 2834.--PHARMACEUTICAL PREPARATIONS											
Total.....	1,011	85,084	580,638	45,937	91,671	245,993	2,595,657	3,314,323	736,475	89,286	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	79	16,742	111,805	10,588	20,743	58,019	712,014	884,464	176,506	13,748	
.20 to .29.....	81	21,904	161,529	10,927	22,196	64,198	626,770	788,089	162,756	22,888	
.30 to .39.....	216	11,007	74,283	4,838	9,561	24,050	208,781	284,163	76,680	6,038	
.40 to .49.....	114	15,455	115,525	7,249	14,706	40,175	279,262	357,398	84,316	10,873	
.50 to .59.....	114	4,068	23,927	1,977	3,969	8,729	43,005	73,023	30,499	1,202	
.60 to .69.....	80	2,976	16,048	1,479	2,964	5,468	24,544	43,260	18,356	1,247	
.70 to .79.....	49	3,053	20,370	1,714	3,541	9,146	27,456	50,611	23,122	4,725	
.80 to .89.....	32	513	2,805	256	491	932	3,275	7,295	4,011	161	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2841.--SOAP AND OTHER DETERGENTS											
Total.....	704	30,794	214,144	20,116	41,005	127,611	1,137,425	2,127,789	990,492	44,056	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	70	15,019	108,192	11,323	22,945	77,570	691,921	1,257,182	566,601	18,445	
.20 to .29.....	67	4,407	33,508	2,733	5,704	18,020	145,457	308,009	160,231	2,621	
.30 to .39.....	103	1,533	9,819	832	1,751	4,480	28,090	60,074	31,824	1,222	
.40 to .49.....	82	2,185	12,328	809	1,626	3,296	27,923	55,871	27,895	845	
.50 to .59.....	84	1,611	11,447	849	1,656	4,481	21,054	49,287	28,007	1,359	
.60 to .69.....	55	1,543	9,568	786	1,502	3,161	14,924	32,449	17,497	216	
.70 to .79.....	26	836	5,383	368	762	2,145	7,307	22,235	14,933	138	
.80 to .89.....	23	399	2,239	219	453	1,082	2,708	7,452	5,069	159	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2842.--POLISHES AND SANITATION GOODS											
Total.....	1,101	16,332	96,586	9,477	18,971	42,342	420,440	757,179	335,132	13,306	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	91	1,927	10,585	1,372	2,616	6,431	82,404	136,913	51,447	792	
.20 to .29.....	129	2,416	15,328	1,331	2,649	5,858	62,466	117,879	57,033	2,457	
.30 to .39.....	215	2,676	15,410	1,615	3,347	6,743	42,946	84,148	41,403	1,643	
.40 to .49.....	113	2,180	12,674	992	1,979	4,242	27,696	51,334	23,888	1,040	
.50 to .59.....	135	2,013	11,603	1,093	2,177	4,596	21,270	47,147	25,818	624	
.60 to .69.....	62	1,519	10,224	753	1,469	3,188	15,918	34,561	18,754	351	
.70 to .79.....	54	777	4,743	407	776	1,683	6,424	18,062	11,616	501	
.80 to .89.....	40	386	2,225	212	426	938	2,656	6,898	4,167	102	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2843.--SURFACE ACTIVE AGENTS											
Total.....	148	4,108	31,893	2,162	4,586	12,795	75,698	177,821	101,472	7,183	
Below .10.....	}	27	1,039	743	1,589	4,728	31,535	71,242	38,528	2,527	
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....	}	21	468	252	563	1,357	9,866	24,787	15,021	768	
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
.10 to .19.....	}	38	828	437	930	2,445	15,243	35,949	20,834	1,028	
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....	}	20	533	254	514	1,458	7,959	18,742	11,132	497	
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
.10 to .19.....	}	13	281	2,272	134	273	696	3,434	7,491	4,054	
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....	}	29	959	7,895	342	717	2,111	7,661	19,610	11,903	2,227
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
INDUSTRY 2844.--TOILET PREPARATIONS											
Total.....	707	34,338	183,219	21,554	42,448	92,477	1,232,883	1,792,662	565,105	20,186	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	69	6,787	36,499	4,155	8,140	17,796	247,244	358,947	111,340	2,723	
.20 to .29.....	148	7,365	39,226	4,090	8,083	16,488	148,205	238,533	89,303	3,108	
.30 to .39.....	89	3,778	20,101	1,938	3,719	7,864	58,768	130,247	71,803	1,992	
.40 to .49.....	76	3,441	19,925	1,979	3,822	7,864	45,152	84,331	39,554	1,573	
.50 to .59.....	52	1,061	5,246	814	1,652	3,311	9,359	20,592	11,304	287	
.60 to .69.....	45	1,367	5,858	1,093	2,199	3,613	8,939	15,681	6,890	409	
.70 to .79.....	21	1,136	4,277	931	1,845	2,893	5,858	9,455	3,507	125	
.80 to .89.....	16	218	866	163	318	560	1,042	3,800	2,746	42	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2834.--PHARMACEUTICAL PREPARATIONS										
Total.....	1,114	82,002	466,596	45,708	91,374	205,459	1,881,524	2,591,831	710,307	72,353
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	90	11,528	61,195	7,930	16,043	34,145	380,572	508,212	127,640	10,441
.20 to .29.....	147	16,782	99,222	8,310	15,829	36,905	401,223	517,465	116,242	18,353
.30 to .39.....	125	18,021	105,100	9,316	18,842	42,823	300,389	427,776	127,387	11,486
.40 to .49.....	145	16,898	109,722	7,907	16,257	39,285	244,855	362,774	117,919	12,886
.50 to .59.....	167	5,150	25,014	2,581	5,073	9,483	45,782	84,609	38,827	2,367
.60 to .69.....	96	2,443	10,731	1,543	2,986	5,533	16,556	34,948	18,392	1,576
.70 to .79.....	53	2,331	12,472	1,635	3,490	8,220	17,104	40,829	23,725	2,728
.80 to .89.....	31	736	3,290	433	927	2,061	3,862	10,373	6,511	244
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2841.--SOAP AND OTHER DETERGENTS										
Total.....	608	29,603	181,485	18,180	36,779	97,294	857,585	1,605,935	748,350	17,795
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	58	11,584	72,796	8,173	16,817	47,685	487,150	899,563	412,413	8,593
.20 to .29.....	65	4,542	25,481	3,317	6,665	17,835	110,857	201,215	90,358	2,992
.30 to .39.....	72	3,117	17,804	1,666	3,251	8,222	48,939	99,645	50,706	1,144
.40 to .49.....	78	2,655	18,063	870	1,738	3,716	39,431	74,632	35,201	1,242
.50 to .59.....	75	2,063	11,953	1,175	2,294	5,717	22,082	47,604	25,522	970
.60 to .69.....	49	1,366	8,451	567	1,128	2,255	13,190	28,126	14,936	342
.70 to .79.....	46	964	5,254	463	867	1,773	7,088	17,396	10,308	175
.80 to .89.....	22	1,008	8,117	415	862	2,135	9,392	24,185	14,793	633
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2842.--POLISHES AND SANITATION GOODS										
Total.....	1,156	16,429	82,594	9,352	17,840	35,603	295,566	585,029	289,463	7,082
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	122	3,205	17,503	1,918	3,730	8,361	121,120	212,521	91,401	1,888
.20 to .29.....	128	1,442	6,609	913	1,660	3,052	26,284	54,224	27,940	470
.30 to .39.....	151	1,757	8,174	966	1,780	3,383	23,181	46,532	23,351	1,043
.40 to .49.....	137	2,352	11,806	1,277	2,488	4,696	26,834	59,898	33,064	654
.50 to .59.....	151	2,138	11,015	1,129	2,094	4,262	20,395	47,894	27,499	795
.60 to .69.....	110	1,715	9,555	828	1,571	3,139	14,900	34,972	20,072	434
.70 to .79.....	59	937	5,169	536	1,125	2,240	7,046	20,031	12,985	171
.80 to .89.....	38	568	2,658	366	706	1,376	3,141	10,003	6,862	108
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2843.--SURFACE ACTIVE AGENTS										
Total.....	142	3,122	19,484	1,835	3,707	8,870	52,421	126,624	74,203	3,127
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	10	512	2,546	403	800	1,783	15,869	34,589	18,720	503
.20 to .29.....	15	271	1,404	208	417	951	5,505	12,645	7,140	342
.30 to .39.....	20	443	2,623	229	490	1,283	7,322	18,172	10,850	879
.40 to .49.....	21	449	3,345	233	482	1,181	7,466	16,385	8,919	238
.50 to .59.....	24	340	2,429	198	404	1,005	4,438	11,138	6,700	200
.60 to .69.....	13	289	2,029	168	326	870	3,080	7,869	4,789	118
.70 to .79.....	15	441	2,782	197	413	934	3,656	13,283	9,627	569
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2844.--TOILET PREPARATIONS										
Total.....	748	29,464	133,951	18,541	36,010	66,685	697,529	1,059,161	361,632	14,318
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	96	6,700	28,469	4,491	9,053	17,186	211,916	307,563	95,647	3,742
.20 to .29.....	92	7,200	35,850	3,730	7,119	13,506	139,667	219,653	79,986	3,679
.30 to .39.....	91	2,767	12,771	1,456	2,713	4,725	35,713	59,792	24,079	854
.40 to .49.....	79	3,063	14,677	1,919	3,610	6,242	33,433	71,012	37,579	855
.50 to .59.....	81	1,884	10,173	1,090	2,213	4,282	19,129	36,381	17,252	652
.60 to .69.....	53	1,899	6,955	1,375	2,677	4,074	10,741	22,376	11,635	356
.70 to .79.....	41	579	1,992	447	837	1,397	2,729	5,009	2,280	91
.80 to .89.....	19	382	1,432	320	743	1,077	1,651	3,436	1,785	40
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2851.--PAINTS AND ALLIED PRODUCTS										
Total.....	1,788	61,267	401,240	33,825	69,113	183,533	1,111,681	2,456,361	1,350,239	37,705
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	94	4,358	27,023	2,860	5,882	16,178	172,159	326,856	155,559	3,270
.20 to .29.....	325	12,158	74,913	7,133	14,578	40,020	288,869	596,269	310,172	7,296
.30 to .39.....	247	10,370	68,371	5,768	11,742	30,602	196,334	441,463	246,806	7,550
.40 to .49.....	295	12,381	84,701	6,425	13,111	35,719	188,370	426,873	239,388	7,773
.50 to .59.....	242	8,585	57,700	4,351	9,032	23,071	106,253	246,198	139,969	3,691
.60 to .69.....	174	5,238	36,102	2,661	5,499	14,261	56,647	144,587	88,032	2,667
.70 to .79.....	80	2,669	18,399	1,306	2,744	7,112	24,660	72,395	47,333	811
.80 to .89.....	57	1,179	7,648	703	1,374	3,297	9,094	28,449	19,288	675
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2861.--GUM AND WOOD CHEMICALS										
Total.....	246	6,787	32,682	5,357	10,800	22,884	100,329	212,850	114,640	5,638
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	18	1,092	6,886	885	1,721	5,048	37,055	61,952	24,431	1,055
.20 to .29.....	50	1,353	7,562	1,038	2,007	5,089	27,708	59,432	32,861	1,098
.30 to .39.....	27	765	3,339	617	1,300	2,390	10,035	24,260	14,740	789
.40 to .49.....	22	645	2,617	494	996	1,941	5,744	18,618	12,982	1,318
.50 to .59.....	20	726	2,905	600	1,136	2,066	5,133	12,516	7,730	164
.60 to .69.....	27	695	2,529	566	1,177	1,884	3,841	9,272	5,730	506
.70 to .79.....	17	724	3,824	502	1,089	2,272	4,447	11,492	6,744	445
.80 to .89.....	}									
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2871.--FERTILIZERS										
Total.....	281	19,992	102,294	14,842	31,899	70,812	287,800	869,213	583,608	45,476
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	26	2,234	12,542	1,668	3,534	8,200	82,863	164,897	84,519	3,840
.20 to .29.....	40	2,993	15,883	2,236	4,880	11,332	65,063	180,051	116,913	6,664
.30 to .39.....	41	4,429	22,418	3,328	7,218	15,972	63,597	183,336	122,312	11,827
.40 to .49.....	42	2,734	13,989	1,975	4,307	9,893	30,895	105,311	75,304	16,217
.50 to .59.....	34	2,417	11,170	1,766	3,805	7,326	20,616	73,425	53,647	2,575
.60 to .69.....	24	1,617	7,972	1,240	2,600	5,687	12,304	54,685	41,589	1,481
.70 to .79.....	}									
.80 to .89.....		19	846	3,873	614	1,274	2,354	4,984	23,941	18,607
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2872.--FERTILIZERS, MIXING ONLY										
Total.....	733	13,752	59,390	9,343	18,714	33,673	164,140	623,070	459,172	11,987
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	59	1,106	3,918	849	1,523	2,489	25,217	59,024	34,864	2,327
.20 to .29.....	99	1,831	7,722	1,317	2,658	4,828	29,838	107,133	80,015	1,388
.30 to .39.....	201	3,606	15,461	2,456	5,082	8,701	44,460	161,201	117,980	3,247
.40 to .49.....	84	2,122	10,096	1,398	2,840	5,492	22,386	94,163	72,358	1,974
.50 to .59.....	69	1,526	6,673	980	1,993	3,488	12,133	60,000	48,110	1,354
.60 to .69.....	43	929	4,074	567	1,179	2,127	6,306	31,473	24,810	477
.70 to .79.....	20	372	1,565	204	411	714	2,066	11,895	9,818	205
.80 to .89.....	17	397	1,951	252	535	1,022	2,287	16,221	13,831	170
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2879.--AGRICULTURAL CHEMICALS, N.E.C.										
Total.....	340	9,090	51,465	5,280	10,633	24,415	176,333	476,661	307,032	9,055
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	39	1,529	8,580	1,048	2,021	5,141	69,800	117,634	51,615	3,674
.20 to .29.....	53	1,003	4,719	665	1,302	2,679	18,038	57,192	39,980	722
.30 to .39.....	61	1,984	10,989	1,099	2,082	5,357	31,525	105,369	74,339	1,534
.40 to .49.....	31	1,271	8,206	560	1,117	2,831	18,372	54,144	37,865	1,292
.50 to .59.....	24	738	4,623	411	872	1,882	8,441	32,725	24,217	633
.60 to .69.....	22	405	2,283	194	336	706	3,564	15,709	12,099	149
.70 to .79.....	}									
.80 to .89.....		24	1,143	7,080	561	1,099	2,556	9,596	32,604	23,833
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
	INDUSTRIES 2851 AND 2852.--PAINTS AND VARNISHES, LACQUERS, ENAMELS, AND ALLIED PRODUCTS										
Total.....	1,709	58,770	323,372	33,190	66,906	153,114	806,895	1,878,733	1,071,838	35,363	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	112	3,703	18,927	2,726	5,460	12,855	115,622	227,014	111,392	5,335	
.20 to .29.....	163	8,168	41,658	4,886	9,726	22,910	168,407	346,605	178,198	3,284	
.30 to .39.....	233	10,733	58,781	6,248	12,834	29,512	168,071	387,635	219,564	4,602	
.40 to .49.....	279	10,206	56,171	5,535	11,066	24,644	124,523	298,350	173,827	5,218	
.50 to .59.....	302	11,830	68,082	6,405	13,143	29,461	124,911	312,684	187,773	6,298	
.60 to .69.....	179	6,486	38,318	3,419	6,832	16,196	58,926	149,003	90,077	2,113	
.70 to .79.....	102	2,637	15,291	1,407	2,739	6,540	20,538	56,474	35,936	1,300	
.80 to .89.....	65	1,098	5,926	580	1,209	2,550	7,013	22,087	15,074	220	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
	INDUSTRY 2861.--GUM AND WOOD CHEMICALS										
Total.....	190	7,251	30,097	5,916	11,563	21,792	85,302	182,176	96,874	4,928	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	13	257	1,245	207	386	965	7,730	14,518	6,788	298	
.20 to .29.....	12	1,030	5,183	843	1,645	3,837	23,697	45,130	21,433	873	
.30 to .39.....	17	1,689	7,738	1,331	2,694	5,481	23,776	53,545	29,769	1,547	
.40 to .49.....	20	978	4,067	798	1,521	2,843	9,169	21,661	12,492	886	
.50 to .59.....	22	688	2,432	608	1,133	1,827	4,260	8,729	4,469	203	
.60 to .69.....	17	1,395	5,902	1,101	2,282	4,097	9,291	19,466	10,175	876	
.70 to .79.....	11	84	272	72	127	227	362	861	499	23	
.80 to .89.....	12	222	723	165	332	537	870	2,368	1,498	40	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
	INDUSTRY 2871.--FERTILIZERS AND 2872.--FERTILIZERS, MIXING ONLY										
Total.....	968	30,889	122,632	22,417	44,917	80,836	303,788	1,043,877	739,535	32,952	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	82	2,088	8,797	1,718	3,516	6,846	49,977	121,134	71,157	2,337	
.20 to .29.....	132	3,596	13,602	2,779	5,641	9,782	51,964	154,947	102,983	3,515	
.30 to .39.....	159	6,460	27,224	4,768	9,702	18,061	79,534	241,652	162,118	7,444	
.40 to .49.....	146	5,425	21,276	3,982	8,162	14,557	47,412	168,988	121,576	11,535	
.50 to .59.....	120	4,915	20,474	3,488	7,065	12,894	37,637	146,704	109,067	3,614	
.60 to .69.....	67	2,327	9,094	1,641	3,240	5,668	14,004	60,820	46,816	2,027	
.70 to .79.....	43	1,574	5,747	1,085	2,053	3,456	7,807	40,637	32,830	313	
.80 to .89.....	40	1,172	4,398	830	1,526	2,718	5,181	31,239	26,058	626	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
	INDUSTRY 2873.--AGRICULTURAL PESTICIDES AND 2879.--AGRICULTURAL CHEMICALS, N.E.C.										
Total.....	337	7,790	37,789	4,019	9,502	18,632	110,993	333,105	222,112	6,977	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	35	1,013	6,114	651	1,247	3,311	42,661	73,247	30,586	1,516	
.20 to .29.....	58	1,045	4,618	738	1,379	2,743	19,596	35,308	35,772	667	
.30 to .39.....	38	890	4,082	506	990	2,006	12,005	37,046	25,041	630	
.40 to .49.....	44	1,190	5,274	844	1,628	3,119	11,707	41,578	29,871	995	
.50 to .59.....	32	709	3,523	451	911	1,627	6,524	25,710	19,188	306	
.60 to .69.....	18	307	1,655	211	411	853	2,561	11,589	9,028	71	
.70 to .79.....	}	23	1,266	6,636	577	1,070	2,200	8,356	37,586	8,356	738
.80 to .89.....											
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2891.--GLUE AND GELATIN										
Total.....	368	8,521	54,869	5,426	11,245	28,620	147,006	351,680	203,918	9,778
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	32	765	4,704	568	1,184	3,083	35,289	73,574	38,713	2,656
.20 to .29.....	32	836	5,023	596	1,243	3,236	21,473	46,248	25,111	711
.30 to .39.....	60	1,480	9,296	990	2,135	5,036	26,699	59,603	33,444	1,375
.40 to .49.....	55	1,856	11,502	1,211	2,457	5,889	25,354	66,371	39,633	1,524
.50 to .59.....	49	1,443	10,246	902	1,839	5,155	19,084	41,628	22,424	1,188
.60 to .69.....	34	968	6,626	544	1,152	2,995	10,303	30,276	19,424	424
.70 to .79.....	23	536	3,510	216	428	1,099	4,599	10,727	6,114	172
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2892.--EXPLOSIVES										
Total.....	68	14,814	91,613	10,919	20,881	60,114	165,733	283,298	116,445	5,500
Below .10.....	12	1,053	5,866	840	1,508	4,133	22,864	37,777	14,905	866
.10 to .19.....										
.20 to .29.....	19	4,360	27,571	3,430	6,563	19,606	69,832	110,031	40,180	2,308
.30 to .39.....										
.40 to .49.....	13	1,953	11,760	1,506	2,837	7,917	20,496	31,807	10,872	535
.50 to .59.....										
.60 to .69.....	24	7,448	46,416	5,143	9,973	28,458	52,541	103,683	50,488	1,791
.70 to .79.....										
.80 to .89.....	24	7,448	46,416	5,143	9,973	28,458	52,541	103,683	50,488	1,791
.90 and above.....										
INDUSTRY 2893.--PRINTING INK										
Total.....	348	8,455	55,943	5,628	11,785	32,440	125,138	268,012	143,559	4,632
Below .10.....	12	276	1,604	191	402	1,020	9,050	18,649	9,482	95
.10 to .19.....										
.20 to .29.....	51	1,044	6,063	715	1,502	3,896	22,988	43,422	20,325	739
.30 to .39.....	52	1,357	8,351	931	1,876	5,261	24,331	46,214	22,399	691
.40 to .49.....	71	2,027	14,014	1,351	2,920	8,154	30,730	70,522	40,267	1,566
.50 to .59.....	58	1,576	10,629	1,039	2,142	5,862	19,373	37,831	18,479	553
.60 to .69.....	31	591	4,616	348	731	2,274	7,332	13,570	6,201	439
.70 to .79.....	19	604	4,169	440	910	2,427	5,735	20,089	14,291	243
.80 to .89.....	11	283	1,843	173	375	1,066	2,144	7,498	5,369	88
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2895.--CARBON BLACK										
Total.....	33	3,010	20,669	2,287	4,913	14,915	91,752	149,122	55,544	3,972
Below .10.....	12	947	6,370	791	1,695	5,077	44,165	64,439	19,758	2,000
.10 to .19.....										
.20 to .29.....	21	2,063	14,299	1,496	3,218	9,838	47,587	84,683	35,786	1,972
.30 to .39.....										
.40 to .49.....	21	2,063	14,299	1,496	3,218	9,838	47,587	84,683	35,786	1,972
.50 to .59.....										
.60 to .69.....	21	2,063	14,299	1,496	3,218	9,838	47,587	84,683	35,786	1,972
.70 to .79.....										
.80 to .89.....	21	2,063	14,299	1,496	3,218	9,838	47,587	84,683	35,786	1,972
.90 and above.....										
INDUSTRY 2899.--CHEMICAL PREPARATIONS, N.E.C.										
Total.....	1,384	25,788	162,926	15,675	33,012	81,139	505,868	931,691	435,651	22,060
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	145	1,706	9,565	1,242	2,598	6,245	64,186	100,570	38,751	1,459
.20 to .29.....	265	5,959	38,583	3,982	8,361	22,178	155,356	256,833	105,938	8,469
.30 to .39.....	196	5,629	38,732	3,230	6,659	18,184	108,338	217,869	111,426	4,664
.40 to .49.....	168	4,468	27,931	2,802	5,775	14,025	62,523	126,494	64,204	3,060
.50 to .59.....	139	2,220	13,101	1,195	2,278	4,974	24,252	48,452	24,940	908
.60 to .69.....	100	1,686	9,957	1,026	2,119	4,912	15,274	39,802	24,640	936
.70 to .79.....	59	1,400	8,640	738	1,493	3,902	11,523	25,285	13,886	574
.80 to .89.....	33	624	4,793	268	562	1,163	5,474	10,780	5,337	327
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)
		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
INDUSTRY 2891.--GLUE AND GELATIN										
Total.....	274	7,890	42,146	5,166	10,563	23,878	106,383	245,205	138,822	8,077
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	30	592	2,581	365	753	1,642	15,888	37,136	21,248	2,010
.20 to .29.....	17	494	2,502	355	786	1,651	10,040	24,421	14,381	878
.30 to .39.....	41	1,740	9,198	1,388	2,858	6,627	26,420	53,108	26,688	1,866
.40 to .49.....	55	1,919	10,723	1,125	2,352	5,213	23,866	58,902	35,036	699
.50 to .59.....	47	1,359	6,930	828	1,657	3,609	12,729	27,106	14,377	1,258
.60 to .69.....	22	761	4,589	510	969	2,503	7,163	16,985	9,822	1,032
.70 to .79.....	27	727	4,415	355	741	1,775	5,882	17,381	11,499	220
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2892.--EXPLOSIVES										
Total.....	77	14,971	79,597	10,648	19,992	50,876	131,646	228,614	96,968	9,350
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	19	2,821	15,527	2,220	4,050	11,240	43,693	69,629	25,936	4,247
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	18	2,827	13,388	2,225	3,997	9,340	28,624	49,947	21,323	1,421
.50 to .59.....	19	2,883	17,065	2,285	4,350	11,405	26,072	45,172	19,100	2,605
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	28	507	2,988	306	658	1,489	3,805	9,743	5,938	268
.90 and above.....										
INDUSTRY 2893.--PRINTING INK										
Total.....	302	7,960	45,069	5,385	11,182	25,956	108,803	228,141	119,338	4,817
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	12	442	2,230	350	715	1,583	16,555	32,100	15,545	293
.20 to .29.....	32	969	4,686	770	1,509	3,317	17,842	36,269	18,427	292
.30 to .39.....	37	1,348	6,834	1,005	2,098	4,894	19,502	42,286	22,784	915
.40 to .49.....	72	1,664	9,415	1,041	2,148	5,189	20,719	43,766	23,047	732
.50 to .59.....	46	1,300	7,687	851	1,741	4,196	14,308	30,442	16,134	362
.60 to .69.....	43	1,111	7,171	696	1,498	3,322	11,029	22,622	11,593	266
.70 to .79.....	28	507	2,988	306	658	1,489	3,805	9,743	5,938	268
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2895.--CARBON BLACK										
Total.....	36	3,162	18,606	2,629	5,650	14,747	72,641	119,271	46,630	4,612
Below .10.....	21	1,903	11,434	1,585	3,390	9,123	53,877	84,162	30,285	2,914
.10 to .19.....										
.20 to .29.....										
.30 to .39.....	15	1,259	7,172	1,044	2,260	5,624	18,764	35,109	16,345	1,698
.40 to .49.....										
.50 to .59.....										
.60 to .69.....	15	1,259	7,172	1,044	2,260	5,624	18,764	35,109	16,345	1,698
.70 to .79.....										
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2894.--FATTY ACIDS AND 2899.--CHEMICAL PREPARATIONS, N.E.C.										
Total.....	1,306	26,692	143,642	16,997	33,464	76,074	386,357	792,985	406,628	29,635
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	116	2,645	13,412	1,982	3,991	9,517	77,767	153,150	75,383	9,991
.20 to .29.....	148	3,897	19,411	3,078	6,046	14,211	75,854	128,893	53,039	3,809
.30 to .39.....	164	4,742	27,335	2,893	5,583	13,820	77,181	157,871	80,690	6,421
.40 to .49.....	150	2,979	15,667	1,757	3,545	7,157	34,751	65,336	30,585	1,530
.50 to .59.....	179	3,936	21,712	2,382	4,736	10,330	39,350	86,973	47,623	3,053
.60 to .69.....	117	2,312	11,640	1,407	2,704	5,473	18,135	45,411	27,276	1,729
.70 to .79.....	58	1,194	6,625	781	1,557	3,800	9,158	26,159	17,001	405
.80 to .89.....	51	1,476	9,068	845	1,811	4,173	10,528	29,851	19,323	853
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 2911.--PETROLEUM REFINING										
Total.....	427	119,297	922,319	85,929	166,409	614,318	3,137,603	16,496,896	13,367,328	385,126
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	44	8,558	66,519	6,174	12,365	44,337	466,657	1,673,925	1,215,579	43,099
.20 to .29.....	85	29,908	244,820	20,485	40,634	154,641	955,042	4,665,843	3,742,112	146,459
.30 to .39.....	73	28,431	223,590	20,815	39,528	147,314	643,695	3,760,530	3,097,473	104,542
.40 to .49.....	54	15,961	111,400	11,638	21,214	75,970	255,004	1,667,075	1,409,841	15,712
.50 to .59.....	38	8,973	67,684	6,612	12,842	47,607	128,136	976,174	840,874	18,625
.60 to .69.....	19	2,890	20,811	2,082	3,952	13,984	32,851	295,122	258,704	4,689
.70 to .79.....	19	6,116	46,542	4,190	8,823	30,533	62,828	528,657	464,599	6,966
.80 to .89.....	13	6,894	51,834	5,465	10,421	38,648	64,153	719,791	642,367	9,501
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2951.--PAVING MIXTURES AND BLOCKS										
Total.....	762	9,680	62,065	6,746	15,076	40,014	165,584	427,460	261,789	15,055
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	98	665	3,942	504	1,071	2,777	25,544	58,785	33,218	2,126
.20 to .29.....	139	1,354	8,820	991	2,200	6,151	36,025	86,408	50,329	2,741
.30 to .39.....	190	2,467	15,415	1,848	4,259	10,876	44,923	104,532	59,877	3,754
.40 to .49.....	86	1,587	11,097	1,033	2,448	7,124	24,566	66,209	41,612	2,591
.50 to .59.....	62	1,164	7,319	826	1,707	4,338	13,188	32,360	19,371	1,059
.60 to .69.....	42	634	4,394	346	758	2,168	6,839	21,951	15,102	979
.70 to .79.....	24	319	2,128	259	567	1,600	2,834	10,580	7,557	366
.80 to .89.....	17	358	2,081	204	410	1,090	2,502	6,984	4,454	170
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2952.--ASPHALT FELTS AND COATINGS										
Total.....	230	14,581	82,477	10,894	23,046	57,328	189,981	527,632	339,006	6,954
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	10	221	1,149	178	382	898	6,907	17,034	10,365	173
.20 to .29.....	29	1,771	9,605	1,200	2,592	6,419	36,962	83,824	47,166	502
.30 to .39.....	38	2,605	14,824	2,118	4,636	11,548	43,000	100,786	57,898	2,269
.40 to .49.....	49	4,227	24,595	2,967	6,264	16,544	54,971	152,767	98,469	1,600
.50 to .59.....	29	1,879	10,511	1,546	3,260	7,936	19,192	61,437	42,669	801
.60 to .69.....	28	1,739	10,168	1,326	2,772	6,881	15,878	57,536	41,509	619
.70 to .79.....	22	1,217	6,960	902	1,859	4,487	8,735	34,651	25,887	560
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2992.--LUBRICATING OILS AND GREASES										
Total.....	353	8,433	57,946	4,701	9,778	27,007	199,074	471,229	273,833	4,703
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	31	427	2,869	284	636	1,718	18,380	37,573	19,300	392
.20 to .29.....	40	735	4,710	431	805	2,353	19,814	51,402	31,302	974
.30 to .39.....	57	1,539	10,798	801	1,732	4,431	29,725	83,454	54,350	779
.40 to .49.....	48	1,622	10,836	870	1,805	4,691	24,273	73,957	50,254	735
.50 to .59.....	36	1,668	12,104	981	2,010	5,842	22,801	49,144	26,371	543
.60 to .69.....	23	710	4,986	367	753	2,071	7,786	20,585	12,770	419
.70 to .79.....	21	406	2,901	189	408	1,098	3,852	14,091	10,288	135
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2999.--PETROLEUM AND COAL PRODUCTS, N.E.C.										
Total.....	67	1,495	8,958	1,178	2,370	6,456	20,989	71,525	49,570	1,843
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	24	463	3,031	366	743	2,235	12,283	40,733	28,314	1,181
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	24	781	4,479	604	1,235	3,078	6,735	17,053	9,862	602
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 2911.--PETROLEUM REFINING											
Total.....	446	146,025	944,332	106,898	207,609	648,278	2,119,402	14,539,055	12,419,653	656,788	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	32	6,448	42,117	4,653	9,384	28,191	253,183	1,090,140	836,957	45,134	
.20 to .29.....	71	15,892	103,092	11,844	23,623	71,487	421,341	2,010,329	1,588,988	97,078	
.30 to .39.....	64	24,166	151,765	17,874	34,526	103,654	422,883	2,494,784	2,071,901	102,525	
.40 to .49.....	47	21,699	148,146	13,938	27,248	89,516	327,906	2,048,591	1,720,685	70,956	
.50 to .59.....	48	20,052	127,115	15,241	29,347	91,050	235,691	1,844,701	1,609,010	77,902	
.60 to .69.....	27	15,247	96,341	11,996	22,826	71,488	149,986	1,313,114	1,163,128	56,400	
.70 to .79.....	25	19,339	126,915	13,847	26,503	85,492	171,591	1,512,616	1,341,025	79,235	
.80 to .89.....	13	4,287	27,667	3,172	6,355	20,061	32,960	380,082	347,122	9,058	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2951.--PAVING MIXTURES AND BLOCKS											
Total.....	563	7,797	42,028	5,823	11,708	28,130	112,548	267,676	155,128	9,856	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	64	465	2,239	343	692	1,640	14,663	32,715	18,052	1,140	
.20 to .29.....	92	1,400	7,233	1,099	2,163	5,287	28,134	59,738	31,604	2,121	
.30 to .39.....	107	1,784	10,002	1,295	2,626	6,314	29,123	61,872	32,749	1,916	
.40 to .49.....	83	1,324	7,369	986	2,057	4,887	16,304	41,644	25,340	1,934	
.50 to .59.....	56	889	4,661	652	1,215	3,124	8,690	21,466	12,776	1,145	
.60 to .69.....	27	544	2,493	435	802	1,719	3,888	11,215	7,327	580	
.70 to .79.....	22	396	2,450	289	635	1,580	3,273	9,240	5,967	283	
.80 to .89.....	16	229	1,266	154	313	729	1,509	5,118	3,609	67	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 2952.--ASPHALT FELTS AND COATINGS											
Total.....	209	15,520	77,444	11,541	24,009	54,007	156,487	460,104	303,617	6,613	
Below .10.....	-	-	-	-	-	-	-	-	-	-	
.10 to .19.....	}	32	1,055	4,960	774	1,757	3,687	20,673	55,036	34,363	620
.20 to .29.....		32	3,560	16,521	2,435	4,918	10,729	46,123	97,600	51,477	1,517
.30 to .39.....		36	2,872	14,680	2,241	4,697	10,862	32,322	97,795	65,473	1,454
.40 to .49.....		28	2,475	12,852	2,036	4,357	9,621	23,853	77,326	53,473	1,269
.50 to .59.....		27	1,566	7,192	1,138	2,276	4,934	11,002	37,986	26,984	725
.60 to .69.....		12	1,298	6,924	919	1,872	4,366	9,044	31,233	22,189	270
.70 to .79.....		10	510	2,689	377	778	1,923	3,164	13,644	10,480	67
.80 to .89.....		10	510	2,689	377	778	1,923	3,164	13,644	10,480	67
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2992.--LUBRICATING OILS AND GREASES											
Total.....	306	7,568	42,349	4,484	8,588	20,441	103,084	281,377	178,293	7,230	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	23	511	2,934	377	720	1,875	18,935	45,514	26,579	1,036	
.20 to .29.....	29	615	3,283	343	638	1,631	13,176	37,671	24,495	2,143	
.30 to .39.....	28	753	4,337	404	784	1,888	12,458	34,055	21,597	803	
.40 to .49.....	38	1,310	8,318	773	1,536	3,921	17,776	45,149	27,373	1,724	
.50 to .59.....	47	1,401	8,033	780	1,609	3,660	14,955	44,509	29,554	541	
.60 to .69.....	46	1,987	10,756	1,161	2,179	5,193	16,988	43,836	26,848	591	
.70 to .79.....	}	25	354	2,075	192	415	869	2,765	8,383	5,618	155
.80 to .89.....		25	354	2,075	192	415	869	2,765	8,383	5,618	155
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 2999.--PETROLEUM AND COAL PRODUCTS, N.E.C.											
Total.....	84	2,256	10,520	1,762	3,446	7,566	26,903	74,855	47,952	1,318	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	11	404	1,805	325	587	1,369	10,695	24,810	14,119	1,357
.20 to .29.....		23	500	2,535	382	706	1,853	7,256	25,853	18,597	762
.30 to .39.....		10	504	2,631	380	833	1,735	4,684	10,056	5,392	548
.40 to .49.....		15	584	2,572	469	943	1,952	3,432	10,314	6,882	548
.50 to .59.....		15	584	2,572	469	943	1,952	3,432	10,314	6,882	548
.60 to .69.....	}	15	584	2,572	469	943	1,952	3,432	10,314	6,882	548
.70 to .79.....		15	584	2,572	469	943	1,952	3,432	10,314	6,882	548
.80 to .89.....		15	584	2,572	469	943	1,952	3,432	10,314	6,882	548
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 3011.--TIRES AND INNER TUBES											
Total.....	155	85,259	621,741	66,268	131,783	460,145	1,321,712	2,949,673	1,623,090	112,783	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	10	5,573	37,271	4,660	9,174	30,072	147,380	339,761	183,090	6,731	
.20 to .29.....		27	16,133	121,478	13,829	28,897	101,787	359,510	741,633	382,868	16,157
.30 to .39.....		42	14,495	101,195	10,977	22,030	72,909	226,438	510,595	296,147	23,177
.40 to .49.....		28	29,853	216,407	22,437	42,803	153,001	387,797	855,287	458,085	35,590
.50 to .59.....	12	12	10,068	76,206	7,600	15,968	55,497	111,559	257,260	145,787	16,428
.60 to .69.....		11	8,567	63,918	6,469	12,296	44,323	84,193	222,154	142,269	4,754
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3021.--RUBBER FOOTWEAR											
Total.....	53	29,147	130,361	25,951	48,168	105,763	216,959	354,239	141,115	6,903	
Below .10.....	53	29,147	130,361	25,951	45,762	105,763	216,959	354,239	141,115	6,903	
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....	53	29,147	130,361	25,951	45,762	105,763	216,959	354,239	141,115	6,903	
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....	53	29,147	130,361	25,951	45,762	105,763	216,959	354,239	141,115	6,903	
.90 and above.....											
INDUSTRY 3031.--RECLAIMED RUBBER											
Total.....	13	2,010	13,598	1,658	3,145	10,413	27,378	48,879	21,669	1,309	
Below .10.....	13	2,010	13,598	1,658	3,145	10,413	27,378	48,879	21,669	1,309	
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....	13	2,010	13,598	1,658	3,145	10,413	27,378	48,879	21,669	1,309	
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....	13	2,010	13,598	1,658	3,145	10,413	27,378	48,879	21,669	1,309	
.90 and above.....											
INDUSTRY 3069.--RUBBER PRODUCTS, N.E.C.											
Total.....	1,173	132,228	760,761	100,581	203,392	516,065	1,427,022	2,597,999	1,171,331	64,955	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	33	732	4,404	489	977	2,634	26,445	46,063	19,388	451	
.20 to .29.....	88	3,959	19,089	3,169	6,733	13,785	70,908	128,585	57,349	1,895	
.30 to .39.....	124	13,922	79,450	10,507	21,148	53,693	229,382	393,930	170,029	6,944	
.40 to .49.....	245	20,577	112,830	15,812	32,303	77,485	256,004	450,426	196,356	12,329	
.50 to .59.....	225	39,854	236,714	31,481	64,474	170,583	432,258	759,978	330,142	23,827	
.60 to .69.....	165	26,753	151,020	20,587	41,307	103,404	231,529	414,694	180,821	8,662	
.70 to .79.....	101	12,102	64,626	9,678	19,184	45,949	88,516	171,761	81,947	4,834	
.80 to .89.....	37	2,484	12,633	1,895	3,775	8,422	14,747	33,240	18,083	811	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3079.--PLASTICS PRODUCTS, N.E.C.											
Total.....	4,334	166,315	837,572	134,327	271,976	579,990	1,660,882	3,165,440	1,522,899	157,516	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	152	3,193	15,012	2,584	5,162	10,503	89,400	128,553	41,428	3,893	
.20 to .29.....	279	5,804	26,024	4,605	9,413	18,829	104,613	177,463	75,736	10,458	
.30 to .39.....	456	18,720	95,477	15,262	32,279	67,120	266,879	478,960	216,612	23,015	
.40 to .49.....	976	39,695	196,759	32,370	65,051	137,750	435,264	803,954	373,269	39,175	
.50 to .59.....	682	36,228	183,527	29,704	60,768	128,348	337,440	647,975	314,281	25,189	
.60 to .69.....	546	24,806	124,260	20,091	40,261	84,426	192,799	376,860	188,200	19,255	
.70 to .79.....	283	14,810	78,079	11,898	24,038	53,981	104,612	216,658	113,381	9,167	
.80 to .89.....	166	6,542	32,864	5,234	10,350	22,247	39,236	92,171	51,607	4,052	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)					
INDUSTRY 3011.--TIRES AND INNER TUBES											
Total.....	123	89,395	521,855	69,959	133,268	388,702	1,179,957	2,577,788	1,397,831	72,269	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	18	13,181	76,207	11,511	22,283	64,653	291,896	608,973	317,077	14,784	
.20 to .29.....		18	12,125	69,287	9,628	18,871	53,224	204,083	425,871	221,788	7,602
.30 to .39.....		30	21,102	123,358	16,670	33,434	93,611	266,715	558,422	291,707	16,349
.40 to .49.....		18	16,495	93,794	12,685	22,892	69,484	178,427	361,218	182,791	13,126
.50 to .59.....	23	26,234	157,940	19,258	35,385	106,871	237,224	617,545	380,321	20,355	
.60 to .69.....		23	26,234	157,940	19,258	35,385	106,871	237,224	617,545	380,321	20,355
.70 to .79.....		23	26,234	157,940	19,258	35,385	106,871	237,224	617,545	380,321	20,355
.80 to .89.....		23	26,234	157,940	19,258	35,385	106,871	237,224	617,545	380,321	20,355
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3021.--RUBBER FOOTWEAR											
Total.....	27	20,359	85,611	17,602	34,131	68,573	149,608	229,439	79,831	3,109	
Below .10.....	15	13,678	60,956	11,757	22,968	49,167	113,595	172,588	58,993	2,322	
.10 to .19.....		15	13,678	60,956	11,757	22,968	49,167	113,595	172,588	58,993	2,322
.20 to .29.....		15	13,678	60,956	11,757	22,968	49,167	113,595	172,588	58,993	2,322
.30 to .39.....		15	13,678	60,956	11,757	22,968	49,167	113,595	172,588	58,993	2,322
.40 to .49.....	12	6,681	24,655	5,845	11,163	19,406	36,013	56,851	20,838	787	
.50 to .59.....		12	6,681	24,655	5,845	11,163	19,406	36,013	56,851	20,838	787
.60 to .69.....		12	6,681	24,655	5,845	11,163	19,406	36,013	56,851	20,838	787
.70 to .79.....		12	6,681	24,655	5,845	11,163	19,406	36,013	56,851	20,838	787
.80 to .89.....	12	6,681	24,655	5,845	11,163	19,406	36,013	56,851	20,838	787	
.90 and above.....	12	6,681	24,655	5,845	11,163	19,406	36,013	56,851	20,838	787	
INDUSTRY 3031.--RECLAIMED RUBBER											
Total.....	16	2,215	11,658	1,793	3,330	9,076	20,843	39,260	18,417	964	
Below .10.....	16	2,215	11,658	1,793	3,330	9,076	20,843	39,260	18,417	964	
.10 to .19.....		16	2,215	11,658	1,793	3,330	9,076	20,843	39,260	18,417	964
.20 to .29.....		16	2,215	11,658	1,793	3,330	9,076	20,843	39,260	18,417	964
.30 to .39.....		16	2,215	11,658	1,793	3,330	9,076	20,843	39,260	18,417	964
.40 to .49.....	16	2,215	11,658	1,793	3,330	9,076	20,843	39,260	18,417	964	
.50 to .59.....		16	2,215	11,658	1,793	3,330	9,076	20,843	39,260	18,417	964
.60 to .69.....		16	2,215	11,658	1,793	3,330	9,076	20,843	39,260	18,417	964
.70 to .79.....		16	2,215	11,658	1,793	3,330	9,076	20,843	39,260	18,417	964
.80 to .89.....	16	2,215	11,658	1,793	3,330	9,076	20,843	39,260	18,417	964	
.90 and above.....	16	2,215	11,658	1,793	3,330	9,076	20,843	39,260	18,417	964	
INDUSTRY 3069.--RUBBER PRODUCTS, N.E.C.											
Total.....	1,074	119,565	592,964	89,158	176,994	396,129	997,254	1,885,274	888,020	43,603	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	30	633	2,845	446	878	1,755	17,772	34,848	17,076	327	
.20 to .29.....	54	1,878	7,937	1,527	3,003	5,938	31,156	56,767	25,611	1,205	
.30 to .39.....	113	7,802	38,568	5,477	11,139	25,943	106,025	179,518	73,493	4,434	
.40 to .49.....	135	15,400	72,372	11,857	23,370	50,398	160,856	286,058	125,202	5,753	
.50 to .59.....	204	26,950	133,581	20,959	42,113	92,804	240,764	418,749	177,985	11,067	
.60 to .69.....	178	26,819	133,976	20,417	40,836	90,671	208,625	395,542	186,917	7,393	
.70 to .79.....	122	16,932	83,450	12,744	25,479	56,627	113,572	214,747	101,175	6,143	
.80 to .89.....	64	7,357	36,417	5,635	10,914	25,644	43,603	82,049	38,446	2,522	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3079.--PLASTICS PRODUCTS, N.E.C.											
Total.....	3,222	116,308	511,207	91,988	183,253	348,892	928,950	1,867,877	938,927	77,193	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	121	1,939	7,207	1,564	2,988	5,085	50,166	72,952	22,786	2,524	
.20 to .29.....	245	3,275	11,694	2,720	5,263	9,315	46,352	82,531	36,179	5,236	
.30 to .39.....	328	7,980	31,666	6,414	12,464	22,312	88,690	170,565	81,875	6,647	
.40 to .49.....	378	19,822	89,303	15,768	31,476	60,681	195,178	381,102	185,924	16,695	
.50 to .59.....	570	26,392	116,819	21,132	43,384	80,651	213,397	438,230	224,833	19,178	
.60 to .69.....	434	20,503	92,858	15,963	32,098	61,235	143,936	287,462	143,526	7,719	
.70 to .79.....	294	14,906	64,677	11,919	23,510	45,684	87,288	178,812	91,524	6,030	
.80 to .89.....	171	9,059	40,516	7,129	14,077	27,120	47,537	105,722	58,185	3,853	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

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See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 3111.--LEATHER TANNING AND FINISHING										
Total.....	578	37,130	165,545	32,466	63,376	133,183	275,796	743,124	467,328	7,905
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	44	360	1,858	220	377	776	11,479	46,829	35,350	213
.20 to .29.....	34	570	2,091	446	811	1,375	8,147	16,595	8,448	134
.30 to .39.....	52	1,398	6,013	1,164	2,207	4,589	16,921	44,888	27,967	285
.40 to .49.....	49	2,724	12,278	2,344	4,404	9,458	26,488	77,016	50,528	637
.50 to .59.....	88	6,937	30,675	6,092	11,813	24,190	55,361	138,773	83,412	1,347
.60 to .69.....	105	12,550	58,853	11,214	22,121	49,171	91,669	223,596	131,927	2,993
.70 to .79.....	69	5,689	25,264	5,079	10,149	21,123	33,749	68,936	35,187	977
.80 to .89.....	38	2,484	10,951	2,110	4,056	8,503	12,982	40,376	27,394	489
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3121.--INDUSTRIAL LEATHER BELTING										
Total.....	104	3,975	18,689	2,769	5,371	11,506	36,300	66,568	30,268	1,233
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	13	70	188	58	105	149	765	1,192	427	77
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	22	1,762	8,060	1,265	2,535	5,266	19,646	33,850	14,204	665
.50 to .59.....										
.60 to .69.....										
.70 to .79.....	15	714	3,763	514	985	2,369	5,721	11,842	6,121	170
.80 to .89.....										
.90 and above.....										
INDUSTRY 3131.--FOOTWEAR CUT STOCK										
Total.....	513	18,031	58,489	15,516	28,859	44,570	98,380	256,652	158,272	2,002
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	18	124	364	110	197	310	2,473	4,273	1,800	119
.20 to .29.....	33	484	1,348	420	723	1,093	5,717	16,702	10,985	87
.30 to .39.....	40	1,339	3,874	1,192	2,195	3,125	10,471	24,733	14,262	188
.40 to .49.....	40	1,002	3,579	850	1,565	2,689	7,789	18,388	10,599	173
.50 to .59.....	91	3,834	12,681	3,200	6,036	9,512	22,964	56,723	33,759	373
.60 to .69.....	95	4,532	15,502	3,939	7,341	11,567	23,871	64,807	40,936	315
.70 to .79.....	77	4,192	12,886	3,588	6,652	9,739	17,354	40,316	22,962	459
.80 to .89.....	33	1,051	3,479	930	1,760	2,703	4,125	9,305	5,180	58
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3141.--SHOES, EXCEPT RUBBER ⁵										
Total.....	1,115	215,311	662,421	194,314	348,481	542,179	1,086,260	2,048,857	962,597	14,533
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	13	144	303	75	128	96	1,675	7,669	5,994	41
.20 to .29.....	20	1,084	2,468	997	1,876	2,091	9,458	13,875	4,417	992
.30 to .39.....	80	18,174	49,677	16,971	30,022	44,573	138,049	245,755	107,706	950
.40 to .49.....	127	25,786	68,112	23,695	41,476	59,932	153,716	272,839	119,123	2,024
.50 to .59.....	167	34,904	109,564	31,524	56,584	89,809	195,964	347,635	151,671	2,288
.60 to .69.....	224	50,167	163,619	44,786	80,303	129,401	250,764	475,647	224,883	2,923
.70 to .79.....	253	53,552	170,042	48,266	87,173	137,340	228,716	458,584	229,868	3,489
.80 to .89.....	103	18,162	54,948	16,393	29,102	45,205	65,680	133,299	67,619	1,302
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3142.--HOUSE SLIPPERS ⁵										
Total.....	164	11,520	37,057	10,168	18,046	28,291	59,656	112,145	52,489	590
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	30	2,145	5,594	1,891	3,183	4,386	14,385	23,559	9,174	105
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	23	1,866	5,319	1,700	2,984	4,314	9,629	19,292	9,663	116
.50 to .59.....										
.60 to .69.....										
.70 to .79.....	38	3,165	11,015	2,806	5,034	8,244	17,047	32,250	15,203	170
.80 to .89.....	29	2,256	7,732	1,969	3,619	5,867	10,382	19,758	9,376	141
.90 and above.....	17	1,372	4,887	1,172	2,077	3,565	5,925	11,614	5,689	36
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 3151.--LEATHER GLOVES										
Total.....	166	7,718	24,439	6,899	12,244	19,481	32,194	80,640	46,694	328
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	11	72	154	67	123	145	864	1,212	331	6
.20 to .29.....										
.30 to .39.....	19	985	1,776	540	955	1,501	4,285	8,583	4,253	31
.40 to .49.....										
.50 to .59.....	23	861	2,784	767	1,317	2,224	5,086	10,791	5,548	17
.60 to .69.....	32	1,219	3,818	1,091	2,034	2,887	5,927	12,960	7,246	119
.70 to .79.....	22	2,371	7,689	2,078	3,634	5,876	10,380	24,133	13,617	76
.80 to .89.....	12	473	1,570	416	751	1,231	1,858	4,165	2,229	8
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3161.--LUGGAGE										
Total.....	379	16,409	62,853	14,134	26,340	46,715	112,796	210,303	100,363	1,908
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	25	215	637	133	247	355	2,852	7,775	4,826	252
.20 to .29.....										
.30 to .39.....	24	2,116	7,064	1,800	3,304	4,908	20,863	35,133	15,093	236
.40 to .49.....	37	872	3,051	760	1,455	2,374	6,678	12,324	5,462	94
.50 to .59.....	112	6,301	26,251	5,401	10,196	19,217	46,938	78,822	34,381	928
.60 to .69.....	63	3,295	12,642	2,867	5,382	9,976	19,725	41,055	21,666	174
.70 to .79.....	38	1,729	6,367	1,511	2,610	4,494	8,517	15,878	6,975	76
.80 to .89.....	21	679	2,366	611	1,156	1,928	2,792	6,471	3,599	91
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3171.--HANDBAGS AND PURSES										
Total.....	545	24,548	88,455	22,001	41,752	70,058	142,554	280,343	137,107	1,890
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	10	17	54	17	34	54	377	569	191	7
.20 to .29.....	18	371	1,134	321	645	778	4,319	8,802	4,448	52
.30 to .39.....	26	447	1,675	336	700	1,302	4,739	8,041	3,413	16
.40 to .49.....	95	3,544	11,922	3,095	6,017	9,860	25,028	42,513	17,392	251
.50 to .59.....	102	4,996	18,530	4,494	8,424	14,065	33,940	64,774	30,822	692
.60 to .69.....	122	7,907	30,009	7,250	13,823	23,222	45,679	91,680	45,868	472
.70 to .79.....	58	3,490	12,047	3,162	6,007	9,831	16,203	29,873	13,634	149
.80 to .89.....	25	1,423	4,793	1,300	2,480	3,909	5,641	11,660	5,809	110
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3172.--SMALL LEATHER GOODS										
Total.....	340	12,432	47,352	10,320	19,580	32,077	82,385	159,013	76,603	1,262
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	23	206	701	150	296	321	2,933	8,571	5,619	77
.20 to .29.....										
.30 to .39.....	23	545	1,916	478	1,006	1,562	5,875	8,930	3,152	36
.40 to .49.....	39	2,048	7,862	1,649	3,219	5,146	17,494	31,953	14,977	216
.50 to .59.....	41	2,200	10,426	1,779	3,268	6,565	18,961	32,343	13,407	229
.60 to .69.....	62	3,830	13,948	3,146	5,788	9,222	21,545	39,851	17,847	381
.70 to .79.....	40	1,442	4,845	1,227	2,357	3,317	6,482	13,096	6,552	137
.80 to .89.....	47	1,447	5,184	1,279	2,547	4,181	6,246	12,322	6,151	144
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3199.--LEATHER GOODS, N.E.C.										
Total.....	370	4,989	18,742	4,209	8,507	13,668	32,730	67,058	34,827	766
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	22	48	125	46	105	117	698	987	279	19
.20 to .29.....	27	214	636	170	321	479	2,396	3,574	1,609	62
.30 to .39.....	31	366	1,263	324	695	1,053	3,551	7,260	3,666	62
.40 to .49.....	55	661	2,380	539	1,221	1,751	5,195	11,043	5,804	222
.50 to .59.....	66	920	3,529	768	1,561	2,525	6,338	13,710	7,330	117
.60 to .69.....	49	1,167	4,243	1,029	1,875	3,235	6,647	13,037	6,464	136
.70 to .79.....	35	1,053	4,419	880	1,795	3,017	5,854	12,145	6,438	56
.80 to .89.....	14	210	987	168	351	613	1,172	2,493	1,332	31
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 3151.--LEATHER GLOVES											
Total.....	179	6,212	15,999	5,503	9,214	12,705	25,999	54,155	28,156	263	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	19	239	535	212	398	453	2,504	4,687	2,183	25
.20 to .29.....		18	427	973	398	661	894	2,635	4,580	1,945	55
.30 to .39.....		17	343	857	314	536	708	1,927	3,305	1,378	17
.40 to .49.....		28	732	1,819	658	1,135	1,518	3,259	6,867	3,608	38
.50 to .59.....		27	1,658	4,460	1,439	2,331	3,294	6,920	13,847	6,927	38
.60 to .69.....		26	1,379	3,843	1,190	2,002	2,928	5,150	11,775	6,625	46
.70 to .79.....		13	595	1,482	539	868	1,239	1,763	3,494	1,731	7
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....											
INDUSTRY 3161.--LUGGAGE											
Total.....	428	15,856	54,717	13,725	25,138	40,282	96,560	184,722	88,162	1,504	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	12	84	215	71	114	174	1,237	2,289	1,052	17	
.20 to .29.....	27	196	442	159	269	334	1,639	2,908	1,269	82	
.30 to .39.....	35	780	2,060	737	1,304	1,896	6,345	11,061	4,716	72	
.40 to .49.....	51	3,449	13,949	2,906	5,407	9,878	29,873	50,826	20,953	624	
.50 to .59.....	67	3,627	12,286	3,113	5,721	8,868	21,969	42,812	20,843	225	
.60 to .69.....	73	3,424	11,510	2,981	5,543	8,523	17,779	35,871	18,092	217	
.70 to .79.....	54	2,288	7,437	2,024	3,604	5,640	10,159	20,469	10,310	127	
.80 to .89.....	28	1,100	3,892	955	1,742	2,725	4,641	9,219	4,578	41	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3171.--HANDBAGS AND PURSES											
Total.....	624	21,971	68,654	19,459	37,259	54,275	111,545	231,110	119,565	1,575	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	32	310	634	240	391	491	3,789	4,556	767	180	
.20 to .29.....	33	287	602	242	423	513	2,400	3,841	1,441	64	
.30 to .39.....	60	1,075	3,299	901	1,692	2,660	9,392	20,389	10,997	147	
.40 to .49.....	63	1,568	4,518	1,379	2,412	3,725	10,071	19,233	9,162	94	
.50 to .59.....	89	4,359	14,290	3,943	8,030	11,422	25,910	53,253	27,343	326	
.60 to .69.....	117	5,214	16,415	4,586	8,970	12,576	25,267	51,524	26,257	301	
.70 to .79.....	88	5,124	16,949	4,606	8,908	13,267	22,838	46,582	23,744	260	
.80 to .89.....	45	1,800	5,557	1,553	2,993	4,370	6,578	15,300	8,722	87	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3172.--SMALL LEATHER GOODS											
Total.....	400	13,657	46,483	11,521	21,380	31,865	75,791	138,052	62,261	1,378	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	19	69	89	60	73	80	638	976	338	16	
.20 to .29.....	33	149	402	134	227	331	1,609	2,438	829	15	
.30 to .39.....	37	349	1,064	273	474	739	2,997	4,875	1,878	31	
.40 to .49.....	51	924	3,067	764	1,370	1,879	6,998	12,265	5,267	62	
.50 to .59.....	73	3,487	12,759	2,937	5,476	8,704	22,856	39,306	16,450	420	
.60 to .69.....	65	4,681	15,847	3,970	7,558	10,663	24,966	49,640	24,674	567	
.70 to .79.....	43	1,512	4,892	1,327	2,358	3,746	6,615	12,382	5,767	109	
.80 to .89.....	21	1,107	3,232	1,016	1,928	2,686	3,751	5,064	1,313	41	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3199.--LEATHER GOODS, N.E.C.											
Total.....	433	5,405	17,651	4,623	8,778	13,185	31,227	60,178	28,951	842	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	20	77	195	73	134	191	1,232	1,893	661	28	
.20 to .29.....	54	265	562	236	372	467	2,369	3,821	1,452	70	
.30 to .39.....	48	348	935	305	578	755	2,604	4,732	2,128	104	
.40 to .49.....	37	559	1,709	489	938	1,445	3,839	7,387	3,548	59	
.50 to .59.....	58	738	2,424	635	1,160	1,752	4,475	8,141	3,666	63	
.60 to .69.....	65	1,731	6,075	1,490	2,927	4,461	9,346	17,954	8,608	207	
.70 to .79.....	43	792	2,732	669	1,292	1,921	3,704	7,098	3,394	33	
.80 to .89.....	22	409	1,600	326	651	1,134	1,927	4,367	2,440	72	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 3211.--FLAT GLASS										
Total.....	31	22,815	172,214	19,440	39,704	143,752	364,466	549,390	185,879	28,244
Below .10.....	11	9,645	76,422	8,300	17,742	64,571	210,294	291,392	81,323	20,702
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	20	13,170	95,792	11,140	21,962	79,181	154,172	257,998	104,556	7,542
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
INDUSTRY 3221.--GLASS CONTAINERS										
Total.....	113	59,987	327,956	53,476	107,055	278,691	629,608	1,004,464	392,541	53,805
Below .10.....	46	23,017	127,249	20,454	41,204	108,606	311,185	466,562	166,868	19,237
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	24	14,607	78,281	13,219	26,322	67,362	143,565	231,394	90,490	7,412
.50 to .59.....	22	13,012	73,463	11,573	23,019	62,073	114,585	190,745	78,789	7,507
.60 to .69.....	21	9,351	48,963	8,230	16,510	40,650	60,273	115,763	56,394	19,649
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
INDUSTRY 3229.--PRESSED AND BLOWN GLASS, N.E.C.										
Total.....	107	37,999	207,292	33,057	64,855	167,921	472,212	630,945	167,473	22,664
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	11	2,783	16,986	2,445	4,911	13,788	72,021	91,371	19,879	1,687
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	10	5,960	34,682	5,227	10,800	28,711	97,286	124,715	29,288	5,100
.60 to .69.....	12	8,350	43,379	7,253	13,498	35,716	96,243	126,439	34,047	4,719
.70 to .79.....	19	7,207	39,836	6,104	12,267	31,208	74,135	107,050	33,753	5,129
.80 to .89.....	20	5,866	29,514	5,073	9,828	23,743	46,267	65,768	20,249	2,037
.90 and above.....	22	3,865	18,582	3,414	6,257	14,727	23,387	33,732	10,557	1,118
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3231.--PRODUCTS OF PURCHASED GLASS										
Total.....	1,044	26,158	138,275	21,669	43,384	103,890	309,734	627,327	320,339	13,223
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	43	376	1,628	318	644	1,270	10,520	20,507	10,171	372
.20 to .29.....	80	3,000	19,321	2,361	4,782	14,295	78,610	157,578	77,753	2,111
.30 to .39.....	116	2,963	17,734	2,500	5,025	14,132	51,529	105,504	56,650	829
.40 to .49.....	138	4,558	23,308	3,866	7,775	17,459	51,589	93,255	43,044	1,788
.50 to .59.....	215	6,357	32,289	5,326	10,651	24,627	58,786	126,526	68,252	4,266
.60 to .69.....	122	3,265	15,773	2,643	5,346	11,359	24,292	46,607	22,564	1,989
.70 to .79.....	98	3,106	15,800	2,596	5,151	11,736	21,223	42,672	20,974	1,010
.80 to .89.....	60	978	4,981	813	1,611	3,675	5,931	11,106	4,983	283
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3241.--CEMENT, HYDRAULIC										
Total.....	188	34,863	227,385	28,719	57,579	173,891	785,681	1,176,913	388,747	120,843
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	29	4,440	28,356	3,493	7,087	20,855	166,209	229,214	63,417	8,642
.20 to .29.....	59	10,418	67,203	8,603	17,224	52,072	277,307	405,890	127,853	21,624
.30 to .39.....	51	12,039	78,894	9,987	20,053	61,312	230,614	349,300	118,462	30,288
.40 to .49.....	21	3,718	23,601	3,184	6,271	18,479	54,561	87,097	31,414	4,434
.50 to .59.....	18	3,817	26,609	3,086	6,161	19,096	43,411	86,270	41,058	18,365
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
	INDUSTRY 3251.--BRICK AND STRUCTURAL TILE										
Total.....	512	28,620	130,378	24,665	51,237	102,597	216,548	325,093	106,012	19,344	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	21	676	2,403	567	1,128	1,884	9,150	11,928	3,090	770
.20 to .29.....		33	1,814	8,121	1,602	3,510	6,733	24,186	32,072	7,620	842
.30 to .39.....		50	3,267	14,875	2,835	5,906	11,699	33,109	46,136	12,342	3,206
.40 to .49.....		114	6,798	29,401	5,845	12,283	22,986	53,528	78,464	24,312	4,463
.50 to .59.....	}	81	4,823	23,653	4,151	8,591	18,359	36,928	55,871	18,345	2,277
.60 to .69.....		57	4,002	19,398	3,509	7,476	15,575	26,010	39,743	14,148	2,865
.70 to .79.....		49	3,156	15,012	2,677	5,306	11,489	17,969	30,261	12,412	1,096
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....											
	INDUSTRY 3253.--CERAMIC WALL AND FLOOR TILE										
Total.....	90	12,795	63,745	10,409	21,002	43,794	110,571	164,668	55,083	9,070	
Below .10.....	}	24	4,026	20,726	3,278	6,796	14,818	46,445	66,039	20,548	550
.10 to .19.....		18	2,616	11,679	2,245	4,533	8,849	21,738	32,858	11,087	1,221
.20 to .29.....		17	3,172	16,746	2,470	4,847	10,742	26,229	38,455	12,979	1,562
.30 to .39.....		11	1,937	10,106	1,588	3,125	6,448	12,887	19,137	6,431	364
.40 to .49.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
	INDUSTRY 3255.--CLAY REFRACTORIES										
Total.....	150	11,431	64,822	9,402	18,139	49,648	118,248	192,230	74,476	7,936	
Below .10.....	}	13	368	2,096	310	627	1,695	9,367	14,287	4,541	136
.10 to .19.....		16	1,027	5,675	876	1,731	4,695	16,208	25,578	9,352	331
.20 to .29.....		22	2,969	16,470	2,498	4,931	12,968	35,996	58,046	22,506	2,199
.30 to .39.....		17	705	3,660	624	1,109	3,064	6,469	9,276	2,955	196
.40 to .49.....	}	34	3,949	23,429	3,096	5,969	16,905	35,408	58,651	23,585	2,180
.50 to .59.....		23	1,355	7,629	1,085	2,052	5,538	9,766	15,418	5,857	1,248
.60 to .69.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
	INDUSTRY 3259.--STRUCTURAL CLAY PRODUCTS, N.E.C.										
Total.....	164	12,188	61,977	10,364	21,142	48,727	108,442	159,724	53,382	5,842	
Below .10.....	}	33	3,253	17,437	2,820	5,993	14,304	46,033	61,351	17,009	2,512
.10 to .19.....		28	2,870	13,817	2,398	4,950	10,270	24,700	37,110	12,513	1,347
.20 to .29.....		36	1,862	9,349	1,584	3,284	7,205	14,392	22,325	8,348	743
.30 to .39.....		29	2,457	12,704	2,088	4,365	10,165	16,395	25,706	9,151	793
.40 to .49.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
	INDUSTRY 3261.--VITREOUS PLUMBING FIXTURES										
Total.....	49	9,280	56,794	7,893	15,519	46,588	101,502	155,658	55,664	2,442	
Below .10.....	}	11	2,311	14,815	1,895	3,702	11,761	32,415	48,011	15,926	1,112
.10 to .19.....		25	5,555	34,395	4,771	9,445	28,563	59,433	90,131	31,716	1,271
.20 to .29.....		13	1,414	7,584	1,227	2,372	6,264	9,654	17,516	8,022	59
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 3251.--BRICK AND STRUCTURAL TILE											
Total.....	569	31,087	122,868	26,955	55,316	97,196	196,890	286,709	89,819	14,023	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	16	301	1,143	272	497	958	4,331	6,055	1,724	251
.20 to .29.....		32	1,229	4,375	1,002	2,046	3,180	12,277	15,929	3,652	309
.30 to .39.....		76	4,259	16,921	3,744	8,084	13,834	37,259	50,622	13,363	2,159
.40 to .49.....		99	6,145	24,401	5,431	10,790	19,661	44,478	62,396	17,918	3,166
.50 to .59.....	}	98	5,856	23,815	5,026	10,471	18,488	36,930	53,642	16,712	3,071
.60 to .69.....		90	5,962	24,087	5,141	10,535	18,790	32,618	47,030	14,412	1,908
.70 to .79.....		41	2,930	11,969	2,544	5,198	9,464	14,100	22,320	8,220	1,449
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....											
INDUSTRY 3253.--CERAMIC WALL AND FLOOR TILE											
Total.....	90	13,068	53,738	10,889	21,768	41,494	92,779	135,470	42,691	3,276	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	31	3,848	15,632	3,317	6,506	12,760	37,508	51,604	14,096	1,666
.20 to .29.....		32	4,271	18,317	3,655	7,304	14,184	31,058	44,849	13,791	1,043
.30 to .39.....		11	4,457	18,212	3,497	7,122	13,354	22,975	35,911	12,936	526
.40 to .49.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
INDUSTRY 3255.--CLAY REFRACTORIES											
Total.....	167	12,394	59,816	10,110	18,581	44,920	104,898	163,478	58,580	10,804	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	12	253	1,243	194	387	913	4,939	7,796	2,857	261
.20 to .29.....		10	930	4,485	779	1,506	3,612	12,710	19,815	7,105	502
.30 to .39.....		18	2,049	10,057	1,591	2,996	7,183	20,932	30,531	9,599	763
.40 to .49.....		33	2,832	12,967	2,324	4,348	9,818	24,215	36,483	12,268	910
.50 to .59.....	}	33	3,222	16,155	2,724	5,118	12,511	24,316	37,833	13,517	3,915
.60 to .69.....		29	2,264	11,053	1,804	3,114	8,076	14,466	23,728	9,262	1,395
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....											
.90 and above.....											
INDUSTRY 3259.--STRUCTURAL CLAY PRODUCTS, N.E.C.											
Total.....	192	13,756	56,454	11,795	22,185	44,582	95,881	134,928	39,047	6,759	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	43	3,036	12,562	2,599	4,803	9,812	32,393	42,370	9,977	1,415
.20 to .29.....		34	2,050	9,073	1,779	3,682	7,345	16,480	22,184	5,704	1,217
.30 to .39.....		43	4,213	16,939	3,656	6,869	13,450	26,599	37,324	10,725	2,005
.40 to .49.....		16	1,419	5,865	1,197	2,193	4,500	7,696	11,378	3,682	353
.50 to .59.....	}	18	1,394	5,482	1,188	2,156	4,429	6,486	10,737	4,251	674
.60 to .69.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
INDUSTRY 3261.--VITREOUS PLUMBING FIXTURES											
Total.....	49	9,677	49,568	8,111	15,638	39,580	87,293	142,683	55,390	1,613	
Below .10.....	}	23	5,117	27,705	4,307	8,130	22,809	58,878	93,451	34,175	361
.10 to .19.....		26	4,560	21,863	3,804	7,508	16,771	28,415	49,230	20,815	672
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 3262.--VITREOUS CHINA FOOD UTENSILS										
Total.....	31	6,314	29,552	5,288	9,817	21,773	42,504	50,954	8,927	724
Below .10.....	14	2,441	11,316	2,136	3,885	8,615	20,724	24,531	3,932	359
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	17	3,873	18,236	3,152	5,932	13,158	21,780	26,423	4,995	365
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
INDUSTRY 3263.--FINE EARTHENWARE FOOD UTENSILS										
Total.....	21	7,349	31,614	6,594	12,319	26,416	41,046	59,046	17,881	797
Below .10.....	21	7,349	31,614	6,594	12,319	26,416	41,046	59,046	17,881	797
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
INDUSTRY 3264.--PORCELAIN ELECTRICAL SUPPLIES										
Total.....	79	10,170	57,401	8,028	15,917	41,120	90,001	131,790	41,775	4,142
Below .10.....	15	1,889	11,032	1,489	2,924	8,082	25,237	36,157	10,907	622
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	26	4,812	18,205	3,903	7,898	20,513	46,088	66,910	21,064	2,778
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	14	2,108	11,299	1,776	3,574	8,405	13,996	20,511	6,528	501
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3269.--POTTERY PRODUCTS, N.E.C.										
Total.....	458	9,085	37,508	7,539	14,920	27,805	62,107	95,541	34,145	3,064
Below .10.....	16	43	90	38	66	69	674	1,050	375	19
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	45	345	1,239	307	572	1,066	3,431	4,346	940	111
.50 to .59.....	57	784	3,065	666	1,228	2,398	6,936	10,697	3,859	416
.60 to .69.....	88	2,086	7,884	1,781	3,469	6,047	14,460	20,395	6,314	523
.70 to .79.....	58	3,244	15,742	2,487	5,125	10,764	23,943	38,952	15,015	1,076
.80 to .89.....	27	1,304	5,162	1,135	2,334	4,022	6,847	10,798	4,013	335
.90 and above.....	22	555	1,998	482	964	1,570	2,392	3,873	1,505	254
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3271.--CONCRETE BLOCK AND BRICK										
Total.....	1,841	23,759	119,543	16,702	36,081	72,748	245,525	505,194	262,765	31,143
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	53	316	1,160	234	475	782	6,933	9,831	2,989	475
.20 to .29.....	161	1,702	7,540	1,243	2,569	5,165	29,863	50,208	20,669	2,577
.30 to .39.....	289	3,810	18,042	2,791	6,038	11,586	51,942	97,384	46,404	4,677
.40 to .49.....	375	6,210	30,488	4,252	9,475	18,159	67,223	139,134	72,813	7,806
.50 to .59.....	347	4,229	23,029	2,925	6,230	13,364	42,439	88,213	46,385	7,324
.60 to .69.....	160	2,477	13,545	1,709	3,661	8,096	21,183	45,807	24,844	2,901
.70 to .79.....	79	1,382	7,318	956	1,982	4,324	9,693	24,871	15,216	1,458
.80 to .89.....	51	743	3,926	510	1,111	2,274	4,626	12,162	7,500	570
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 3262.--VITREOUS CHINA FOOD UTENSILS											
Total.....	28	7,248	28,573	6,002	10,946	20,508	39,285	47,695	8,410	906	
Below .10.....	}	28	7,248	28,573	6,002	10,946	20,508	39,285	47,695	8,410	906
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
INDUSTRY 3263.--FINE EARTHENWARE FOOD UTENSILS											
Total.....	30	8,718	28,749	7,969	12,645	24,756	36,311	50,230	13,919	586	
Below .10.....	}	30	8,718	28,749	7,969	12,645	24,756	36,311	50,230	13,919	586
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
INDUSTRY 3264.--PORCELAIN ELECTRICAL SUPPLIES											
Total.....	59	9,107	42,362	7,489	14,741	31,342	66,074	97,475	31,401	4,390	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	15	3,165	16,224	2,598	5,092	12,048	31,572	48,059	16,487	1,406
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
	14	2,062	9,086	1,658	3,260	6,057	11,345	13,995	2,650	813	
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3269.--POTTERY PRODUCTS, N.E.C.											
Total.....	587	9,250	31,218	7,745	15,155	23,778	54,046	78,800	24,754	3,275	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	33	125	253	107	180	211	1,641	2,127	486	105	
.20 to .29.....	56	342	1,024	290	502	785	3,935	5,455	1,520	292	
.30 to .39.....	75	490	1,354	421	796	1,121	3,773	5,150	1,377	162	
.40 to .49.....	67	936	2,861	735	1,396	2,128	6,443	9,893	3,450	385	
.50 to .59.....	86	2,481	8,645	2,084	4,117	6,334	15,398	23,168	7,770	823	
.60 to .69.....	66	1,422	4,889	1,110	2,447	3,659	7,526	10,221	2,695	625	
.70 to .79.....	45	2,151	8,024	1,853	3,617	6,172	10,719	15,183	4,464	456	
.80 to .89.....	28	632	2,111	555	1,040	1,687	2,503	3,915	1,412	119	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3271.--CONCRETE BLOCK AND BRICK											
Total.....	1,796	22,766	98,103	16,404	32,933	61,292	190,355	413,670	223,315	22,790	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	72	431	1,223	360	670	967	8,470	15,255	6,785	714	
.20 to .29.....	152	1,284	5,036	997	1,947	3,776	19,374	34,174	14,800	1,193	
.30 to .39.....	242	2,867	11,434	2,221	4,389	7,862	32,512	62,317	29,805	2,689	
.40 to .49.....	267	4,703	21,178	3,197	6,593	12,657	47,721	96,060	48,338	5,289	
.50 to .59.....	289	4,515	20,338	3,250	6,702	12,247	37,314	77,522	40,208	3,819	
.60 to .69.....	167	2,373	10,581	1,642	3,108	6,106	16,294	37,296	21,002	1,878	
.70 to .79.....	93	1,735	7,998	1,274	2,512	5,069	10,814	24,030	11,311	1,371	
.80 to .89.....	72	1,283	5,718	859	1,721	3,108	6,741	19,653	12,912	1,155	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 3272.--CONCRETE PRODUCTS										
Total.....	3,451	52,297	266,706	41,093	87,256	190,945	539,967	925,677	387,389	43,550
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	144	923	3,460	799	1,660	2,820	20,801	29,985	9,974	1,005
.20 to .29.....	315	3,851	18,262	3,155	6,594	13,953	73,287	110,018	36,163	3,681
.30 to .39.....	474	6,063	27,304	4,982	10,384	20,480	78,452	127,328	49,034	5,319
.40 to .49.....	804	12,667	61,583	9,939	21,225	44,413	137,967	232,016	96,357	11,659
.50 to .59.....	520	10,295	56,594	7,798	17,106	38,989	102,629	173,474	70,984	7,774
.60 to .69.....	310	5,913	31,548	4,555	9,566	21,525	48,577	86,823	39,916	5,310
.70 to .79.....	202	5,323	31,019	4,154	8,877	22,444	42,401	80,725	38,339	3,198
.80 to .89.....	123	2,261	12,821	1,773	3,638	9,187	15,208	32,386	16,179	1,863
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3273.--READY-MIXED CONCRETE										
Total.....	4,621	71,523	410,539	46,110	96,228	244,955	981,997	2,292,504	1,308,030	106,010
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	349	2,585	12,215	1,835	3,975	8,221	78,385	144,240	65,742	4,869
.20 to .29.....	951	11,759	55,024	8,177	16,863	36,636	211,098	415,129	204,521	22,265
.30 to .39.....	847	12,603	71,181	7,562	15,621	39,528	202,873	449,056	246,210	21,778
.40 to .49.....	769	14,396	87,021	9,289	19,931	51,489	193,622	458,365	264,392	18,738
.50 to .59.....	520	11,019	66,053	7,081	14,925	39,120	121,766	312,509	190,292	14,852
.60 to .69.....	338	6,623	41,594	4,172	8,606	24,291	64,929	180,278	115,442	7,250
.70 to .79.....	212	4,220	26,814	2,797	5,683	15,703	35,886	107,312	71,510	5,889
.80 to .89.....	132	2,406	15,123	1,401	2,884	8,072	17,760	58,087	40,145	2,936
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3274.--LIME										
Total.....	125	6,778	38,903	5,384	11,366	28,519	95,135	164,366	69,011	14,730
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	24	749	4,529	634	1,381	3,927	22,997	39,657	16,536
.20 to .29.....		22	1,907	10,868	1,399	2,990	7,250	29,889	48,950	19,015
.30 to .39.....		22	1,037	5,785	824	1,654	4,116	13,238	20,916	7,668
.40 to .49.....	}	33	2,812	15,939	2,284	4,829	11,784	27,244	49,408	22,177
.50 to .59.....										
.60 to .69.....										
.70 to .79.....	}									
.80 to .89.....										
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3275.--GYPSUM PRODUCTS										
Total.....	122	11,491	70,335	9,216	20,766	54,455	259,659	425,108	164,445	15,201
Below .10.....	}	10	859	5,175	675	1,535	3,932	30,919	45,835	15,040
.10 to .19.....		46	6,969	41,828	5,649	12,707	32,513	168,330	273,196	103,647
.20 to .29.....		33	3,029	19,641	2,465	5,611	15,647	54,268	93,071	38,437
.30 to .39.....	}	11	613	3,572	412	884	2,280	5,907	12,664	7,170
.40 to .49.....										
.50 to .59.....										
.60 to .69.....	}									
.70 to .79.....										
.80 to .89.....										
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3281.--CUT STONE AND STONE PRODUCTS										
Total.....	893	18,340	85,745	15,259	30,896	66,657	131,456	217,176	86,633	6,693
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	17	62	224	48	95	184	1,395	2,246	834	65
.20 to .29.....	42	238	980	199	401	841	3,720	5,312	1,755	208
.30 to .39.....	71	1,186	4,882	1,005	2,086	3,938	13,579	18,442	4,896	522
.40 to .49.....	87	1,282	5,486	1,037	2,022	4,427	12,372	20,120	7,834	628
.50 to .59.....	208	3,504	15,681	2,880	5,864	12,484	28,410	47,958	19,816	1,673
.60 to .69.....	110	3,801	17,866	3,258	6,806	14,264	27,179	43,977	17,102	1,169
.70 to .79.....	80	2,986	15,517	2,495	5,019	11,748	20,878	30,839	10,038	666
.80 to .89.....	59	1,742	8,200	1,445	2,749	6,056	9,711	17,197	7,484	806
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)	
		Total	Payroll	Total	Man-hours	Wages					
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)					
INDUSTRY 3272.--OTHER CONCRETE PRODUCTS											
Total.....	3,461	46,283	200,231	36,267	73,567	141,575	391,366	720,111	328,745	44,310	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	122	985	2,145	869	1,490	1,749	13,068	22,317	9,249	812	
.20 to .29.....	302	3,800	14,979	3,195	6,606	11,796	58,416	91,115	32,699	4,552	
.30 to .39.....	470	6,510	25,698	5,226	10,212	18,815	73,276	121,708	48,432	6,654	
.40 to .49.....	446	6,790	28,730	5,440	11,336	21,125	64,700	111,251	46,551	6,799	
.50 to .59.....	524	8,000	36,651	5,825	11,844	24,137	67,256	118,312	51,056	5,779	
.60 to .69.....	360	6,258	29,164	4,800	10,090	19,832	45,568	84,640	39,072	5,328	
.70 to .79.....	213	3,649	17,776	2,832	5,846	11,992	24,241	47,269	23,028	3,470	
.80 to .89.....	132	2,652	13,857	2,038	4,048	9,474	16,486	37,629	21,143	1,188	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3273.--READY-MIXED CONCRETE											
Total.....	3,657	62,116	303,111	44,203	88,351	201,971	679,385	1,687,151	1,007,766	71,603	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	297	2,636	9,636	1,997	3,586	7,028	62,682	113,311	50,629	4,702	
.20 to .29.....	455	6,684	28,007	5,120	9,981	20,749	111,180	220,673	109,493	9,346	
.30 to .39.....	640	11,166	51,603	8,016	15,777	35,272	147,218	327,555	180,337	11,833	
.40 to .49.....	518	11,150	60,361	7,599	16,183	37,964	132,823	310,789	177,966	14,568	
.50 to .59.....	460	10,038	50,833	6,957	14,109	32,725	93,437	237,882	144,445	9,451	
.60 to .69.....	292	5,846	31,298	4,035	8,183	19,666	48,594	145,927	97,333	5,579	
.70 to .79.....	182	3,672	18,743	2,624	5,243	12,646	25,175	81,774	56,599	3,417	
.80 to .89.....	129	2,305	11,277	1,668	3,264	7,612	13,248	48,501	35,253	1,903	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3274.--LIME											
Total.....	137	7,185	32,754	6,098	12,509	25,521	73,597	130,948	57,351	6,362	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	26	1,038	4,317	850	1,686	3,161	17,617	32,652	15,035	1,454
.20 to .29.....		21	1,692	7,518	1,465	2,925	6,000	20,867	34,594	13,727	1,241
.30 to .39.....		19	1,485	6,891	1,231	2,453	5,325	15,124	25,281	10,157	1,065
.40 to .49.....	}	19	1,485	6,891	1,231	2,453	5,325	15,124	25,281	10,157	1,065
.50 to .59.....		28	1,382	6,250	1,217	2,580	5,008	10,984	19,051	8,067	1,034
.60 to .69.....		28	1,382	6,250	1,217	2,580	5,008	10,984	19,051	8,067	1,034
.70 to .79.....	}	19	1,206	5,457	1,030	2,219	4,282	7,008	14,361	7,353	1,270
.80 to .89.....		19	1,206	5,457	1,030	2,219	4,282	7,008	14,361	7,353	1,270
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3275.--GYPSUM PRODUCTS											
Total.....	126	11,502	57,978	9,447	20,606	45,412	218,042	364,947	146,905	12,095	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	19	1,680	8,229	1,368	3,074	6,390	47,143	72,515	25,372	117	
.20 to .29.....	35	5,260	26,040	4,373	9,595	20,588	108,457	179,856	71,399	846	
.30 to .39.....	27	2,907	14,857	2,390	5,168	11,601	43,833	75,760	31,927	2,918	
.40 to .49.....	11	1,001	5,639	828	1,784	4,588	13,041	23,917	10,876	3,059	
.50 to .59.....	}	11	1,001	5,639	828	1,784	4,588	13,041	23,917	10,876	3,059
.60 to .69.....		20	627	3,094	464	944	2,139	5,017	11,731	6,714	1,420
.70 to .79.....		20	627	3,094	464	944	2,139	5,017	11,731	6,714	1,420
.80 to .89.....	}	19	1,206	5,457	1,030	2,219	4,282	7,008	14,361	7,353	1,270
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3281.--CUT STONE AND STONE PRODUCTS											
Total.....	1,001	20,348	83,038	16,995	33,056	63,818	129,038	206,264	77,226	8,405	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	23	50	110	45	78	102	740	1,157	417	411	
.20 to .29.....	63	370	1,405	286	568	1,103	5,349	7,620	2,271	421	
.30 to .39.....	109	1,106	4,085	908	1,540	3,233	11,204	16,088	4,884	530	
.40 to .49.....	100	1,760	6,710	1,517	3,032	5,542	14,592	22,727	8,135	681	
.50 to .59.....	129	2,894	11,279	2,453	4,771	9,007	20,818	32,531	11,713	962	
.60 to .69.....	155	4,269	18,319	3,622	7,380	14,020	28,102	44,783	16,681	2,226	
.70 to .79.....	120	4,650	19,252	3,946	7,510	14,821	25,988	39,100	13,112	930	
.80 to .89.....	74	1,617	7,041	1,322	2,582	5,132	8,281	14,467	6,186	306	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new		
		Total	Payroll	Total	Man-hours	Wages						
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)					(\$1,000)	(\$1,000)
INDUSTRY 3291.--ABRASIVE PRODUCTS												
Total.....	378	28,170	186,971	18,583	36,695	107,628	416,415	704,212	287,458	15,506		
Below .10.....	}	43	1,753	9,550	1,420	2,827	7,422	45,984	76,731	31,263	1,608	
.10 to .19.....		39	7,114	54,226	4,083	7,995	27,740	146,607	231,440	85,144	3,426	
.20 to .29.....		93	10,664	69,985	7,017	13,852	40,313	148,415	245,217	95,648	5,969	
.30 to .39.....		59	2,564	14,706	1,775	3,621	8,380	26,706	49,686	23,070	1,731	
.40 to .49.....		48	2,694	16,638	1,826	3,621	9,408	25,810	52,852	27,277	926	
.50 to .59.....		18	956	5,477	733	1,441	3,743	7,270	15,665	8,410	321	
.60 to .69.....		16	305	1,347	238	485	915	1,580	3,586	2,032	43	
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
INDUSTRY 3292.--ASBESTOS PRODUCTS												
Total.....	124	19,516	118,024	15,738	32,884	89,766	269,067	509,236	240,725	12,381		
Below .10.....	}	12	2,295	15,711	1,826	3,999	12,162	61,819	103,032	41,339	2,586	
.10 to .19.....		23	4,127	25,627	3,397	7,248	20,162	71,006	149,177	77,781	3,658	
.20 to .29.....		28	5,975	35,766	4,784	9,880	26,547	74,132	124,979	51,295	2,485	
.30 to .39.....		19	2,802	17,592	2,179	4,575	13,518	30,983	61,349	30,813	1,003	
.40 to .49.....		15	2,181	10,642	1,859	3,679	8,386	16,570	28,366	11,600	655	
.50 to .59.....		}	14	1,867	11,201	1,473	3,029	7,843	13,671	37,784	23,269	1,730
.60 to .69.....			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
INDUSTRY 3293.--GASKETS AND INSULATIONS												
Total.....	295	16,825	94,441	12,684	25,906	62,301	160,734	279,226	116,978	8,865		
Below .10.....	}	15	90	528	67	145	333	2,329	3,801	1,507	149	
.10 to .19.....		26	1,288	6,968	1,016	2,052	4,698	20,256	33,339	13,570	737	
.20 to .29.....		31	1,467	9,231	1,084	2,276	6,006	19,425	34,530	14,980	464	
.30 to .39.....		86	5,910	32,503	4,666	9,429	23,083	57,740	95,162	36,514	2,564	
.40 to .49.....		52	2,639	15,075	1,999	4,099	9,572	23,395	42,897	19,372	861	
.50 to .59.....		17	3,310	17,850	2,463	4,979	12,168	24,681	46,321	21,108	2,710	
.60 to .69.....		13	514	2,961	342	705	1,514	3,579	6,240	2,666	191	
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3295.--MINERALS, GROUND OR TREATED ⁶												
Total.....		415	7,330	41,567	5,688	11,749	29,643	102,079	204,393	101,881	11,873	
Below .10.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....		22	291	1,137	249	404	880	7,014	14,074	6,660	578	
.20 to .29.....	47	911	5,040	770	1,547	4,026	19,375	35,769	16,573	943		
.30 to .39.....	81	1,372	8,172	1,067	2,177	5,793	22,851	43,089	20,149	4,270		
.40 to .49.....	84	1,937	11,412	1,503	3,220	8,069	25,691	47,535	22,042	1,894		
.50 to .59.....	48	838	4,348	607	1,319	3,044	7,958	16,046	8,105	592		
.60 to .69.....	32	996	5,652	734	1,511	3,705	8,914	24,100	15,091	1,241		
.70 to .79.....	22	301	2,084	240	501	1,434	2,764	6,620	3,805	745		
.80 to .89.....	11	99	522	74	146	356	619	1,699	1,092	128		
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
INDUSTRY 3296.--MINERAL WOOL ⁶												
Total.....	123	14,733	92,347	11,647	24,781	69,089	206,846	391,873	186,772	37,956		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	}	12	1,485	8,007	1,194	2,486	6,266	30,565	43,866	13,361	2,222	
.20 to .29.....		21	3,913	24,464	3,026	6,531	18,885	66,882	120,629	53,794	4,779	
.30 to .39.....		32	2,035	11,272	1,615	3,456	8,483	24,525	46,126	21,848	2,330	
.40 to .49.....		}	23	5,769	39,924	4,553	9,437	28,174	71,641	149,206	78,580	10,925
.50 to .59.....			10	1,279	7,418	1,067	2,209	6,387	9,690	23,817	14,411	478
.60 to .69.....			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)
		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
INDUSTRY 3291.--ABRASIVE PRODUCTS										
Total.....	354	23,955	127,912	15,971	30,891	75,499	277,706	490,752	213,046	21,098
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	41	3,150	15,359	2,599	4,873	11,829	67,866	119,430	2,127
.20 to .29.....		42	1,827	9,403	1,356	2,562	6,050	27,680	54,240	1,037
.30 to .39.....		77	7,312	39,903	4,769	9,397	22,602	85,619	138,111	52,492
.40 to .49.....		55	2,684	13,845	1,772	3,515	8,224	25,235	48,363	23,128
.50 to .59.....	}	38	4,948	28,442	2,777	5,334	14,603	43,211	82,591	39,380
.60 to .69.....		31	1,152	5,888	775	1,500	3,349	7,879	14,887	7,008
.70 to .79.....		18	746	2,994	557	1,047	1,830	3,576	8,429	4,853
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....										
INDUSTRY 3292.--ASBESTOS PRODUCTS										
Total.....	109	21,292	106,411	17,024	35,046	80,440	235,487	453,488	218,001	12,837
Below .10.....	-	-	-	-	-	-	-	-	-	-
.10 to .19.....	}	13	1,646	8,185	1,331	2,637	6,242	32,110	54,728	31,618
.20 to .29.....		19	3,451	17,255	2,872	5,823	13,402	49,563	93,163	43,600
.30 to .39.....		22	5,761	28,613	4,644	9,605	21,791	64,805	123,646	58,841
.40 to .49.....		}	55	10,434	52,358	8,177	16,981	39,005	89,009	181,951
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
INDUSTRY 3293.--GASKETS AND INSULATIONS										
Total.....	282	13,494	65,078	9,925	19,502	41,518	105,211	188,684	83,473	5,699
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	13	98	451	81	159	316	1,792	2,898	1,106
.20 to .29.....		22	199	861	154	273	567	2,586	4,890	2,304
.30 to .39.....		40	1,598	7,582	1,251	2,306	4,827	16,731	26,511	9,780
.40 to .49.....		56	4,689	22,690	3,624	7,120	15,092	40,786	69,291	28,505
.50 to .59.....	}	52	3,079	15,449	2,338	4,715	10,551	23,633	45,380	21,747
.60 to .69.....		31	1,096	4,827	793	1,567	3,027	6,581	12,813	6,232
.70 to .79.....		17	669	3,197	359	743	1,596	3,716	9,023	5,307
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....										
INDUSTRY 3295.--MINERALS, GROUND OR TREATED, AND 3296.--MINERAL WOOL ⁶										
Total.....	526	20,200	101,386	15,522	31,693	73,246	248,991	460,008	211,017	19,974
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	30	114	4,370	709	1,492	3,178	26,730	46,760	20,030
.20 to .29.....		72	2,291	11,623	1,847	3,877	8,789	44,908	78,131	33,223
.30 to .39.....		76	4,189	21,737	3,330	6,986	16,553	32,078	62,513	30,435
.40 to .49.....		64	5,364	27,524	3,852	8,023	19,416	59,789	109,590	49,801
.50 to .59.....	}	58	3,160	14,785	2,564	5,284	11,058	26,858	56,509	29,651
.60 to .69.....		56	1,596	8,098	1,215	2,527	5,507	12,522	28,885	16,363
.70 to .79.....		21	664	3,561	513	1,011	2,466	4,753	9,913	5,160
.80 to .89.....		27	394	2,048	310	734	1,557	2,432	5,999	3,567
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 3297.--NONCLAY REFRACTORIES											
Total.....	93	8,572	53,367	6,810	13,485	38,673	129,139	250,195	123,124	9,346	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	16	1,689	10,614	1,428	2,922	8,373	43,961	85,021	42,192	1,875	
.20 to .29.....		1,520	9,552	1,221	2,402	6,892	26,685	46,357	22,048	2,791	
.30 to .39.....		1,701	9,610	1,407	2,701	7,635	21,750	47,971	26,473	2,021	
.40 to .49.....	33	3,411	22,113	2,548	5,093	14,602	35,288	66,228	29,465	2,511	
.50 to .59.....											
.60 to .69.....											
.70 to .79.....	33										
.80 to .89.....											
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3299.--NONMETALLIC PRODUCTS, N.E.C.											
Total.....	320	5 471	27,094	4,361	8,266	18,231	53,289	96,188	43,408	2,187	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	22	123	699	92	166	417	2,892	4,805	1,888	51	
.20 to .29.....		544	2,434	432	815	1,756	6,910	12,970	6,130	226	
.30 to .39.....		1,455	8,871	1,108	2,213	5,708	19,893	36,487	17,029	1,003	
.40 to .49.....	42	1,353	6,201	1,090	2,084	4,284	11,131	17,467	6,383	525	
.50 to .59.....		583	2,714	507	976	2,119	4,149	6,838	2,731	61	
.60 to .69.....		649	3,165	505	905	1,777	4,305	8,525	4,234	157	
.70 to .79.....	30	440	1,616	350	569	1,060	1,956	5,058	3,097	103	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3312.--BLAST FURNACES AND STEEL MILLS											
Total.....	288	500,550	3,711,639	412,311	791,364	2,892,006	7,699,535	16,611,083	8,958,663	908,440	
Below .10.....	10	1,753	12,042	1,467	2,908	9,734	73,065	206,938	136,867	214	
.10 to .19.....		16,901	133,666	13,677	27,320	103,433	517,782	884,732	372,812	51,987	
.20 to .29.....		70,757	561,598	58,820	114,341	441,136	1,550,486	2,975,377	1,434,328	136,245	
.30 to .39.....	41	115,415	838,391	94,838	181,211	652,251	1,850,107	3,574,229	1,737,344	298,423	
.40 to .49.....		172,754	1,262,402	141,830	269,995	980,037	2,326,970	4,923,857	2,618,724	247,590	
.50 to .59.....		48,469	357,648	39,932	77,160	278,363	755,558	1,598,288	854,217	47,887	
.60 to .69.....	21	30,820	226,481	25,473	49,408	176,790	310,061	845,599	523,574	19,079	
.70 to .79.....		19,270	140,458	15,996	31,030	108,097	162,305	746,023	585,165	16,817	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3313.--ELECTROMETALLURGICAL PRODUCTS											
Total.....	36	10,437	68,880	8,155	16,563	50,767	145,503	382,132	227,977	13,412	
Below .10.....	18	4,602	30,175	3,687	7,426	22,830	85,959	189,893	105,602	5,923	
.10 to .19.....											
.20 to .29.....											
.30 to .39.....	18	5,835	38,705	4,468	9,137	27,937	59,544	192,239	122,375	7,489	
.40 to .49.....											
.50 to .59.....											
.60 to .69.....	27										
.70 to .79.....											
.80 to .89.....											
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3315.--STEEL WIRE DRAWING, ETC.											
Total.....	200	21,280	134,636	16,904	34,367	97,055	253,009	592,263	336,651	14,002	
Below .10.....	17	897	5,170	670	1,818	3,851	23,117	39,880	17,373	1,146	
.10 to .19.....											
.20 to .29.....											
.30 to .39.....	29	3,177	19,745	2,593	5,206	14,807	56,012	114,898	59,953	3,120	
.40 to .49.....		3,276	19,457	2,539	5,347	13,563	43,608	90,460	46,581	2,365	
.50 to .59.....		4,704	31,064	3,750	7,746	21,767	57,467	120,626	65,171	3,253	
.60 to .69.....	24	2,201	13,987	1,762	3,255	10,396	21,445	46,376	24,737	570	
.70 to .79.....											
.80 to .89.....											
.90 and above.....	27	3,905	25,440	3,070	6,124	18,277	33,549	74,893	40,982	1,082	
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new		
		Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)		
INDUSTRY 3297.--NONCLAY REFRACTORIES												
Total.....	84	8,013	41,167	6,325	11,657	30,352	102,362	177,643	75,281	14,933		
Below .10.....	}	17	1,084	5,381	892	1,675	4,232	23,113	42,843	19,730	379	
.10 to .19.....		18	2,587	14,050	2,191	4,201	11,320	39,264	68,915	29,651	1,360	
.20 to .29.....		17	1,415	6,747	1,210	2,077	5,562	15,559	23,952	8,393	2,404	
.30 to .39.....		}	32	2,927	14,989	2,032	3,704	9,238	24,426	41,933	17,507	1,373
.40 to .49.....												
.50 to .59.....												
.60 to .69.....												
.70 to .79.....												
.80 to .89.....												
.90 and above.....												
INDUSTRY 3299.--NONMETALLIC PRODUCTS, N.E.C.												
Total.....	254	4,316	16,982	3,406	6,535	11,586	31,973	58,947	26,974	1,194		
Below .10.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....		33	262	722	234	475	627	2,937	4,558	1,621	188	
.20 to .29.....		24	163	589	136	249	457	1,661	3,073	1,412	88	
.30 to .39.....		47	1,105	5,366	733	1,481	3,054	12,038	21,504	9,466	395	
.40 to .49.....	}	41	936	3,715	729	1,341	2,396	6,832	12,082	5,250	240	
.50 to .59.....		35	940	3,099	809	1,548	2,355	4,771	8,808	4,037	134	
.60 to .69.....		28	437	1,817	356	681	1,345	2,369	4,225	1,856	20	
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....												
.90 and above.....												
INDUSTRY 3312.--BLAST FURNACES AND STEEL MILLS												
Total.....	291	511,392	3,183,483	417,216	765,941	2,415,959	6,062,227	13,422,585	7,360,358	959,033		
Below .10.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....		11	1,509	6,894	1,267	2,115	5,642	40,386	70,752	30,366	3,369	
.20 to .29.....		13	4,777	30,718	4,023	7,886	23,819	113,806	314,260	200,454	10,443	
.30 to .39.....		28	23,543	153,407	17,874	32,616	104,273	437,370	919,229	481,859	39,735	
.40 to .49.....	}	49	167,449	1,056,576	138,550	256,910	817,772	2,372,171	4,644,717	2,272,546	286,748	
.50 to .59.....		57	147,335	911,956	121,696	222,085	706,769	1,669,117	3,807,879	2,138,762	310,163	
.60 to .69.....		42	86,706	542,193	69,958	129,498	401,918	832,088	1,918,005	1,085,917	200,986	
.70 to .79.....		32	44,315	264,778	35,389	63,069	195,045	366,005	1,008,066	642,061	66,152	
.80 to .89.....		14	12,745	76,389	10,160	18,693	56,556	89,892	370,317	280,425	12,584	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3313.--ELECTROMETALLURGICAL PRODUCTS												
Total.....	37	12,689	71,883	9,304	18,961	48,988	178,880	399,122	220,242	16,969		
Below .10.....	}	14	4,999	27,216	3,855	7,710	19,589	96,059	197,315	101,256	3,205	
.10 to .19.....		}	23	7,690	44,667	5,449	11,251	29,399	82,821	201,807	118,986	13,764
.20 to .29.....												
.30 to .39.....												
.40 to .49.....												
.50 to .59.....												
.60 to .69.....												
.70 to .79.....												
.80 to .89.....												
.90 and above.....												
INDUSTRY 3315.--STEEL WIRE DRAWING, ETC.												
Total.....	170	19,250	110,184	15,128	29,147	78,432	196,200	452,062	255,862	11,980		
Below .10.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....		56	6,869	36,797	5,411	10,440	25,910	90,929	174,110	83,181	4,828	
.20 to .29.....		30	2,274	12,915	1,705	3,454	8,761	23,761	54,880	31,119	904	
.30 to .39.....		24	4,707	29,255	3,729	7,203	20,524	44,021	116,537	72,516	2,922	
.40 to .49.....	}	25	4,343	25,126	3,450	6,527	18,576	32,755	85,659	52,904	2,913	
.50 to .59.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.60 to .69.....												
.70 to .79.....												
.80 to .89.....												
.90 and above.....												

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new		
		Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)		
INDUSTRY 3316.--COLD FINISHING OF STEEL SHAPES												
Total.....	81	13,700	99,557	10,623	21,833	71,527	223,977	751,627	529,954	14,925		
Below .10.....	}	11	1,595	12,684	1,282	2,656	9,204	54,781	98,097	1,796		
.10 to .19.....		13	1,547	11,230	1,254	2,494	8,019	31,234	100,585	1,730		
.20 to .29.....		22	3,535	25,789	2,657	5,549	17,930	58,504	207,878	2,052		
.30 to .39.....		}	22	5,165	35,430	3,937	8,172	25,717	63,969	186,477	2,690	
.40 to .49.....	}		13	1,858	14,424	1,493	2,962	10,657	158,590	143,128	6,657	
.50 to .59.....												
.60 to .69.....												
.70 to .79.....												
.80 to .89.....												
.90 and above.....												
INDUSTRY 3317.--STEEL PIPE AND TUBE												
Total.....	141	22,882	153,147	18,270	37,862	113,656	295,242	809,009	517,291	23,588		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	}	12	1,151	6,867	851	1,592	4,251	25,930	55,037	1,224		
.20 to .29.....		14	1,393	8,487	1,145	2,439	6,288	23,021	55,471	937		
.30 to .39.....		35	4,991	35,309	3,963	8,591	26,296	77,744	226,352	6,878		
.40 to .49.....		29	7,423	51,021	5,935	12,092	38,034	92,596	238,923	8,407		
.50 to .59.....	}	23	4,000	25,689	3,167	6,506	18,836	39,919	127,824	2,004		
.60 to .69.....		}	15	2,767	18,497	2,178	4,652	13,689	24,888	39,693	1,810	
.70 to .79.....			}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....												
.90 and above.....												
INDUSTRY 3321.--GRAY IRON FOUNDRIES												
Total.....	1,139	120,528	730,279	104,239	214,285	596,109	1,168,478	1,984,944	813,568	64,823		
Below .10.....	}	33	2,514	14,802	2,213	4,253	12,257	56,200	79,880	613		
.10 to .19.....		49	6,307	34,723	5,560	10,299	28,972	98,797	177,605	79,407		
.20 to .29.....		80	7,441	43,628	6,409	13,007	35,941	96,197	166,092	70,293		
.30 to .39.....		168	20,888	131,775	17,829	37,548	106,221	240,531	386,885	149,342		
.40 to .49.....	}	345	39,359	247,951	34,359	72,343	203,664	376,968	648,700	270,913		
.50 to .59.....		205	23,562	141,320	20,675	43,692	116,465	190,289	312,727	123,233		
.60 to .69.....		110	8,440	45,081	7,465	14,575	37,788	53,216	93,000	40,138		
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....												
.90 and above.....												
INDUSTRY 3322.--MALLEABLE IRON FOUNDRIES												
Total.....	81	22,297	141,967	18,832	38,789	112,670	204,557	317,528	111,831	16,283		
Below .10.....	}	17	5,104	36,030	4,198	8,909	27,474	66,913	95,227	6,680		
.10 to .19.....												
.20 to .29.....												
.30 to .39.....		}	64	17,193	105,937	14,634	29,880	85,196	137,644	222,301	83,358	
.40 to .49.....	}											
.50 to .59.....												
.60 to .69.....												
.70 to .79.....												
.80 to .89.....												
.90 and above.....												
INDUSTRY 3323.--STEEL FOUNDRIES												
Total.....	267	56,810	361,378	47,628	95,106	280,433	586,914	871,048	288,795	27,832		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	}	36	7,611	51,099	6,165	12,655	37,701	131,509	180,101	50,379		
.20 to .29.....		57	9,915	60,060	8,337	17,009	47,360	108,577	155,242	47,152		
.30 to .39.....		69	15,386	96,647	13,023	25,136	74,431	148,357	213,172	66,347		
.40 to .49.....		56	15,659	100,158	13,443	27,050	81,077	136,453	212,600	76,783		
.50 to .59.....	}	21	4,674	28,587	3,835	7,716	21,852	33,839	56,919	22,991		
.60 to .69.....		}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.70 to .79.....												
.80 to .89.....												
.90 and above.....												

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)
		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
INDUSTRY 3316.--COLD FINISHING OF STEEL SHAPES										
Total.....	78	10,943	67,084	8,528	16,039	47,225	141,516	477,824	336,308	25,706
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	41	6,564	40,555	5,028	9,697	27,727	104,489	358,305	253,816	9,456
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	18	1,450	8,701	1,118	2,206	5,873	14,649	57,478	42,829	706
.50 to .59.....										
.60 to .69.....										
.70 to .79.....	19	2,929	17,828	2,382	4,136	13,625	22,378	62,041	39,663	15,544
.80 to .89.....										
.90 and above.....										
INDUSTRY 3317.--STEEL PIPE AND TUBE										
Total.....	136	23,911	138,144	19,402	37,988	103,848	284,096	780,684	496,588	15,133
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	15	1,102	7,075	936	2,084	5,674	36,331	102,046	65,715	849
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	27	4,425	24,524	3,603	7,128	18,007	56,336	131,410	75,074	1,846
.50 to .59.....										
.60 to .69.....										
.70 to .79.....	25	3,568	19,671	3,003	5,478	15,294	26,485	81,830	55,345	1,346
.80 to .89.....										
.90 and above.....										
INDUSTRY 3321.--GRAY IRON FOUNDRIES										
Total.....	1,310	112,670	531,152	96,414	178,006	418,935	810,758	1,434,701	623,943	32,559
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	14	242	896	225	397	811	5,392	9,537	4,145	20
.20 to .29.....	33	1,986	8,836	1,714	2,993	6,667	32,670	54,953	22,283	290
.30 to .39.....	51	5,187	25,913	4,250	7,690	19,756	73,607	123,652	50,045	3,529
.40 to .49.....	85	7,893	40,835	6,538	12,631	31,987	85,974	142,920	56,946	1,777
.50 to .59.....	145	15,168	70,055	13,197	25,434	56,525	125,790	237,498	111,708	6,027
.60 to .69.....	226	20,321	95,126	17,369	31,339	73,490	144,481	235,153	90,672	7,100
.70 to .79.....	275	31,676	156,704	27,452	52,418	127,181	204,652	362,001	157,349	6,482
.80 to .89.....	192	14,993	66,043	13,134	22,977	53,018	77,876	130,611	52,735	4,136
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3322.--MALLEABLE IRON FOUNDRIES										
Total.....	82	20,230	100,579	16,694	31,366	77,148	127,592	214,537	86,945	4,438
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	21	4,055	19,850	3,436	6,624	15,820	30,424	44,762	14,338	840
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	20	5,309	27,429	4,375	8,198	20,536	36,670	62,072	25,402	1,731
.50 to .59.....										
.60 to .69.....										
.70 to .79.....	25	7,769	38,594	6,425	11,893	29,621	45,998	82,044	30,046	1,190
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3323.--STEEL FOUNDRIES										
Total.....	256	49,133	254,338	40,134	74,390	186,778	383,870	596,276	212,406	22,239
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	30	4,930	27,668	4,144	8,001	22,071	61,814	92,043	30,229	1,347
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	37	8,461	42,430	7,077	12,791	32,139	76,468	114,594	38,126	4,354
.50 to .59.....										
.60 to .69.....										
.70 to .79.....	62	12,566	64,797	10,189	18,658	47,304	100,465	151,353	50,888	5,768
.80 to .89.....	58	12,708	64,860	10,343	19,524	46,489	86,688	138,380	51,692	3,616
.90 and above.....	31	6,021	33,010	4,791	9,120	23,728	38,317	63,064	24,247	2,451
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 3331. --PRIMARY COPPER										
Total.....	33	14,949	96,134	12,711	25,846	77,938	285,510	1,245,457	969,974	13,134
Below .10.....	}	20	6,888	5,956	11,831	36,329	227,063	828,170	626,340	5,331
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	13	8,061	6,755	14,015	41,609	58,447	417,287	343,634	7,803
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}									
.90 and above.....										
INDUSTRY 3332. --PRIMARY LEAD										
Total.....	10	2,578	14,997	2,125	4,106	11,156	24,876	265,072	228,906	964
Below .10.....	}	10	2,578	2,125	4,106	11,156	24,876	265,072	228,906	964
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	10	2,578	2,125	4,106	11,156	24,876	265,072	228,906	964
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}									
.90 and above.....										
INDUSTRY 3333. --PRIMARY ZINC										
Total.....	18	8,065	47,760	6,575	13,245	36,238	98,789	281,537	173,473	4,734
Below .10.....	}	18	8,065	6,575	13,245	36,238	98,789	281,537	173,473	4,734
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	18	8,065	6,575	13,245	36,238	98,789	281,537	173,473	4,734
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}									
.90 and above.....										
INDUSTRY 3334. --PRIMARY ALUMINUM										
Total.....	23	18,133	134,116	14,459	29,487	101,399	499,576	1,089,977	571,940	62,172
Below .10.....	}	23	18,133	14,459	29,487	101,399	499,576	1,089,977	571,940	62,172
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	23	18,133	14,459	29,487	101,399	499,576	1,089,977	571,940	62,172
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}									
.90 and above.....										
INDUSTRY 3339. --PRIMARY NONFERROUS METALS, N.E.C.										
Total.....	35	5,064	34,807	3,782	8,148	24,701	103,830	212,176	115,519	6,435
Below .10.....	}	18	3,237	2,427	5,300	16,344	93,210	169,071	88,814	3,978
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	17	1,827	12,236	1,355	2,848	8,357	10,620	43,105	2,457
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}									
.90 and above.....										

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)
		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
INDUSTRY 3331.--PRIMARY COPPER										
Total.....	31	14,722	77,385	12,397	24,805	61,645	166,214	861,087	694,873	19,334
Below .10.....	13	5,853	29,998	5,031	10,003	24,924	100,804	506,836	406,032	3,758
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	18	8,869	47,387	7,366	14,802	36,721	65,410	354,251	288,841	15,576
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
INDUSTRY 3332.--PRIMARY LEAD										
Total.....	13	3,563	18,182	2,864	5,687	13,599	36,325	316,934	280,609	725
Below .10.....	13	3,563	18,182	2,864	5,687	13,599	36,325	316,934	280,609	725
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
INDUSTRY 3333.--PRIMARY ZINC										
Total.....	20	8,923	44,078	7,000	13,788	32,633	71,653	208,993	137,340	13,445
Below .10.....	20	8,923	44,078	7,000	13,788	32,633	71,653	208,993	137,340	13,445
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
INDUSTRY 3334.--PRIMARY ALUMINUM										
Total.....	20	17,381	111,588	13,428	27,738	82,750	383,836	808,822	424,986	142,293
Below .10.....	10	8,858	58,334	6,913	14,130	43,335	255,610	499,620	244,010	71,115
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	10	8,523	53,254	6,515	13,608	39,415	128,226	309,202	180,976	71,178
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
INDUSTRY 3339.--PRIMARY NONFERROUS METALS, N.E.C.										
Total.....	29	2,658	15,939	1,920	3,976	10,737	50,495	96,565	46,070	3,994
Below .10.....	29	2,658	15,939	1,920	3,976	10,737	50,495	96,565	46,070	3,994
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 3341.--SECONDARY NONFERROUS METALS											
Total.....	459	15,445	96,302	11,336	23,779	60,510	228,190	1,045,522	823,132	17,891	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	34	560	3,120	440	949	2,340	20,237	40,369	20,375	407	
.20 to .29.....	44	1,011	5,875	791	1,666	4,003	22,659	95,321	76,855	1,542	
.30 to .39.....	84	2,465	14,422	1,906	4,103	9,890	40,954	187,908	148,502	3,732	
.40 to .49.....	56	2,983	19,040	2,100	4,352	11,007	43,152	175,750	135,775	2,808	
.50 to .59.....	56	2,926	19,107	2,093	4,349	11,533	34,977	149,896	117,989	1,207	
.60 to .69.....	37	1,700	11,207	1,335	2,755	7,497	17,769	105,732	88,128	1,338	
.70 to .79.....	35	1,503	9,263	1,110	2,294	6,115	12,534	86,536	74,562	638	
.80 to .89.....	19	589	3,728	431	922	2,216	4,512	44,839	40,544	210	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3351.--COPPER ROLLING AND DRAWING											
Total.....	112	38,949	260,320	31,481	65,746	200,171	478,393	1,657,526	1,188,548	43,462	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	12	953	6,310	736	1,467	4,427	28,860	149,419	121,346	821
.20 to .29.....		12	2,631	19,009	2,180	4,932	15,322	51,898	120,136	69,032	1,105
.30 to .39.....		17	7,323	48,306	5,883	12,250	36,803	109,145	337,736	231,112	5,716
.40 to .49.....		21	10,514	68,207	8,298	17,007	50,840	125,395	352,673	231,902	5,169
.50 to .59.....	}	25	9,232	61,282	7,806	15,896	49,739	97,298	314,848	218,226	4,007
.60 to .69.....		11	4,362	30,336	3,403	7,336	22,789	40,241	190,318	150,447	1,922
.70 to .79.....		11	4,362	30,336	3,403	7,336	22,789	40,241	190,318	150,447	1,922
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3352.--ALUMINUM ROLLING AND DRAWING											
Total.....	212	54,263	376,647	42,750	89,868	278,469	721,171	2,196,439	1,524,841	81,282	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	13	295	1,834	227	471	1,275	13,000	17,971	5,612	306	
.20 to .29.....	33	4,189	26,999	3,310	7,156	19,979	101,615	283,884	192,313	11,427	
.30 to .39.....	23	4,541	33,912	3,638	8,256	25,612	95,224	250,194	163,782	10,015	
.40 to .49.....	40	12,783	87,922	10,224	21,476	66,565	197,148	515,025	332,506	18,844	
.50 to .59.....	27	5,046	34,197	3,852	8,146	23,218	61,849	159,062	100,592	6,537	
.60 to .69.....	20	10,406	73,730	8,288	17,607	55,766	112,771	340,204	235,097	15,959	
.70 to .79.....	}	20	12,351	87,087	9,669	19,734	64,318	111,415	426,418	320,165	12,954
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3356.--ROLLING AND DRAWING, N.E.C.											
Total.....	125	17,375	117,454	12,275	25,367	74,052	250,589	640,962	405,011	22,154	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	20	2,219	14,713	1,569	3,282	10,538	58,198	164,703	114,108	1,349
.20 to .29.....		14	1,846	12,245	1,232	2,348	6,853	32,796	71,224	38,833	442
.30 to .39.....		32	4,785	35,301	3,426	6,909	21,084	81,037	183,735	107,331	14,108
.40 to .49.....		22	6,455	42,526	4,551	9,890	26,995	66,525	163,441	98,942	4,838
.50 to .59.....	}	13	585	3,437	436	862	2,452	4,550	21,614	16,567	172
.60 to .69.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3357.--NONFERROUS WIRE DRAWING, ETC.											
Total.....	299	56,418	339,935	43,905	90,368	240,904	677,535	2,117,943	1,452,095	44,478	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	29	4,424	25,328	3,705	7,875	20,046	112,769	311,418	204,521	4,444
.20 to .29.....		37	6,059	39,229	4,749	10,259	29,103	112,867	368,509	259,152	4,657
.30 to .39.....		66	10,325	61,174	8,226	17,323	44,110	136,583	362,292	228,518	7,130
.40 to .49.....		56	15,177	93,668	11,637	22,590	65,030	172,007	486,945	310,667	15,715
.50 to .59.....	}	37	8,264	53,321	6,270	13,073	36,636	83,595	255,626	172,245	5,764
.60 to .69.....		20	5,745	32,337	4,365	9,109	21,565	20,215	126,660	106,823	2,956
.70 to .79.....		11	2,208	10,268	1,838	3,713	7,758	12,059	31,407	19,401	1,786
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)					
INDUSTRY 3341.—SECONDARY NONFERROUS METALS											
Total.....	387	14,441	75,669	10,813	21,194	46,869	147,262	724,013	567,751	5,355	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	24	348	1,534	262	531	1,085	8,694	53,969	45,275	238	
.20 to .29.....	28	1,195	5,981	858	1,713	3,575	22,362	65,286	42,924	772	
.30 to .39.....	40	1,216	6,737	853	1,761	3,786	18,930	69,351	50,421	817	
.40 to .49.....	47	3,573	19,681	2,832	5,753	13,119	43,567	157,642	114,075	929	
.50 to .59.....	58	2,378	12,759	1,709	3,462	7,432	23,079	103,713	80,634	729	
.60 to .69.....	38	985	5,374	744	1,524	3,401	8,440	45,853	37,413	405	
.70 to .79.....	23	797	4,445	528	1,059	2,396	5,939	36,474	30,535	83	
.80 to .89.....	14	558	2,211	418	553	987	2,651	14,278	11,627	236	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3351.—COPPER ROLLING AND DRAWING											
Total.....	105	40,329	222,259	31,792	63,291	165,367	445,371	1,209,926	764,555	44,080	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	11	277	6,613	995	1,993	4,990	28,888	114,925	86,037	2,484
.20 to .29.....		13	3,813	21,274	3,012	5,929	15,827	58,835	130,262	71,427	1,987
.30 to .39.....		17	9,046	51,387	7,160	15,244	38,284	116,664	324,717	208,053	3,913
.40 to .49.....		27	16,107	89,185	12,909	24,767	67,711	166,929	401,193	234,264	13,836
.50 to .59.....	}	12	3,686	18,761	3,106	5,911	14,873	29,899	63,566	33,667	2,671
.60 to .69.....		10	1,709	10,019	1,329	2,671	7,059	13,369	38,761	25,392	3,044
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3352.—ALUMINUM ROLLING AND DRAWING											
Total.....	185	46,879	272,168	36,443	75,323	199,643	537,086	1,562,381	1,025,295	131,817	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	22	3,413	19,073	2,753	5,671	14,902	78,815	192,524	113,709	2,569
.20 to .29.....		21	8,092	50,242	6,573	14,072	39,114	143,455	425,410	281,955	36,639
.30 to .39.....		30	11,735	67,077	9,456	19,241	52,887	145,188	407,808	262,620	13,718
.40 to .49.....		34	6,621	38,217	4,669	9,656	24,717	67,535	186,053	118,518	24,419
.50 to .59.....	}	14	4,032	23,795	2,944	5,828	15,336	36,637	83,746	47,109	972
.60 to .69.....		16	632	3,206	501	1,070	2,245	4,253	17,385	13,132	449
.70 to .79.....		16	2,998	16,213	2,521	5,572	12,877	19,534	48,852	29,318	792
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3356.—ROLLING AND DRAWING, N.E.C.											
Total.....	143	16,571	94,713	11,467	22,542	57,446	174,633	486,308	311,675	14,984	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	23	649	3,350	511	1,045	2,459	15,744	46,109	30,365	1,039
.20 to .29.....		16	974	4,780	744	1,528	3,275	13,330	71,794	58,464	255
.30 to .39.....		19	4,519	28,704	3,124	6,240	17,896	67,295	158,713	91,418	3,562
.40 to .49.....		19	1,722	9,304	1,226	2,316	5,230	16,892	48,012	31,120	1,115
.50 to .59.....	}	24	4,127	23,935	2,732	5,215	14,007	38,197	80,140	41,943	1,995
.60 to .69.....		18	901	4,648	674	1,286	3,076	5,964	27,619	21,655	4,128
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3357.—NONFERROUS WIRE DRAWING, N.E.C.											
Total.....	278	51,900	271,910	39,762	81,711	190,988	530,105	1,465,999	941,347	35,359	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	21	1,268	6,451	1,052	2,171	4,954	25,750	66,428	40,678	1,337
.20 to .29.....		31	7,649	41,561	5,933	12,079	29,705	115,929	278,272	162,343	3,957
.30 to .39.....		67	13,110	70,188	10,256	20,960	50,818	157,808	419,347	261,539	8,620
.40 to .49.....		46	10,934	57,600	8,507	17,790	41,654	104,110	306,780	202,670	7,987
.50 to .59.....	}	49	8,484	41,806	6,582	13,337	29,384	64,033	205,479	146,899	8,957
.60 to .69.....		31	6,954	35,076	4,894	10,044	21,435	45,141	122,255	77,114	2,747
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 3361.--ALUMINUM CASTINGS										
Total.....	954	36,216	222,771	30,746	63,432	174,155	343,863	640,193	299,398	18,374
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	21	106	264	95	213	249	1,763	2,253	494	51
.20 to .29.....	34	174	748	160	286	684	2,936	3,795	890	73
.30 to .39.....	67	1,484	9,205	1,294	2,744	7,762	25,197	44,615	20,317	964
.40 to .49.....	108	2,629	13,101	2,250	4,311	9,745	28,346	47,433	19,525	2,090
.50 to .59.....	245	8,213	48,902	6,971	14,248	38,461	88,322	150,850	63,812	3,406
.60 to .69.....	166	11,147	70,902	9,424	19,802	54,709	110,258	206,372	96,202	5,235
.70 to .79.....	95	4,061	24,040	3,443	7,108	18,529	32,363	57,250	25,436	1,177
.80 to .89.....	55	1,568	9,022	1,330	2,734	7,019	11,024	20,896	9,968	432
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3362.--BRASS, BRONZE, COPPER CASTINGS										
Total.....	549	15,341	86,350	12,835	26,052	65,095	144,092	287,534	144,433	5,394
Below .10.....	}	21	490	2,306	431	859	1,949	9,494	19,771	10,406
.10 to .19.....		25	589	2,819	489	987	2,244	8,076	17,958	9,735
.20 to .29.....		57	1,250	7,175	995	2,035	5,210	15,500	28,747	13,042
.30 to .39.....		103	3,624	21,647	2,937	5,980	15,685	39,353	75,166	36,552
.40 to .49.....	}	144	5,120	29,064	4,381	9,003	22,192	45,234	85,260	40,471
.50 to .59.....		68	1,960	11,119	1,670	3,392	8,447	14,962	29,663	14,889
.60 to .69.....		36	1,084	6,141	865	1,721	4,484	7,341	17,287	9,757
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....	}	21	490	2,306	431	859	1,949	9,494	19,771	10,406
.90 and above.....		25	589	2,819	489	987	2,244	8,076	17,958	9,735
		57	1,250	7,175	995	2,035	5,210	15,500	28,747	13,042
		103	3,624	21,647	2,937	5,980	15,685	39,353	75,166	36,552
	}	144	5,120	29,064	4,381	9,003	22,192	45,234	85,260	40,471
		68	1,960	11,119	1,670	3,392	8,447	14,962	29,663	14,889
		36	1,084	6,141	865	1,721	4,484	7,341	17,287	9,757
		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3369.--NONFERROUS CASTINGS, N.E.C.										
Total.....	391	17,686	102,929	14,845	30,320	78,447	168,530	302,731	134,318	6,803
Below .10.....	}	27	354	1,650	294	591	1,231	6,733	10,008	3,253
.10 to .19.....		30	623	3,321	548	1,099	2,717	9,536	15,172	5,908
.20 to .29.....		47	2,288	13,397	1,834	3,913	9,879	28,929	47,824	18,963
.30 to .39.....		103	3,686	21,756	2,972	5,898	15,221	38,875	70,014	31,436
.40 to .49.....	}	55	5,235	31,385	4,515	9,370	25,125	48,552	79,718	30,940
.50 to .59.....		36	2,639	14,766	2,230	4,502	11,431	20,243	39,293	19,428
.60 to .69.....		24	845	4,896	709	1,455	3,679	5,879	10,499	4,552
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....	}	27	354	1,650	294	591	1,231	6,733	10,008	3,253
.90 and above.....		30	623	3,321	548	1,099	2,717	9,536	15,172	5,908
		47	2,288	13,397	1,834	3,913	9,879	28,929	47,824	18,963
		103	3,686	21,756	2,972	5,898	15,221	38,875	70,014	31,436
	}	55	5,235	31,385	4,515	9,370	25,125	48,552	79,718	30,940
		36	2,639	14,766	2,230	4,502	11,431	20,243	39,293	19,428
		24	845	4,896	709	1,455	3,679	5,879	10,499	4,552
		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3391.--IRON AND STEEL FORGINGS										
Total.....	272	36,317	259,793	29,240	58,316	198,272	395,302	868,948	470,920	17,516
Below .10.....	}	56	3,409	25,780	2,708	5,599	19,413	61,992	122,217	61,338
.10 to .19.....		77	7,482	53,932	5,993	12,499	40,775	97,381	191,013	95,385
.20 to .29.....		46	8,186	59,804	6,704	13,231	46,133	91,512	211,298	119,547
.30 to .39.....		35	10,672	74,962	8,742	17,005	59,146	101,016	214,515	111,871
.40 to .49.....	}	13	2,564	18,411	1,802	3,551	12,572	22,169	50,812	27,979
.50 to .59.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.60 to .69.....		27	354	1,650	294	591	1,231	6,733	10,008	3,253
.70 to .79.....		30	623	3,321	548	1,099	2,717	9,536	15,172	5,908
.80 to .89.....	}	46	8,186	59,804	6,704	13,231	46,133	91,512	211,298	119,547
.90 and above.....		35	10,672	74,962	8,742	17,005	59,146	101,016	214,515	111,871
		13	2,564	18,411	1,802	3,551	12,572	22,169	50,812	27,979
		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3392.--NONFERROUS FORGINGS										
Total.....	34	6,297	47,627	4,612	10,064	32,461	71,378	165,146	93,388	4,704
Below .10.....	}	34	6,297	47,627	4,612	10,064	32,461	71,378	165,146	93,388
.10 to .19.....		34	6,297	47,627	4,612	10,064	32,461	71,378	165,146	93,388
.20 to .29.....		34	6,297	47,627	4,612	10,064	32,461	71,378	165,146	93,388
.30 to .39.....		34	6,297	47,627	4,612	10,064	32,461	71,378	165,146	93,388
.40 to .49.....	}	34	6,297	47,627	4,612	10,064	32,461	71,378	165,146	93,388
.50 to .59.....		34	6,297	47,627	4,612	10,064	32,461	71,378	165,146	93,388
.60 to .69.....		34	6,297	47,627	4,612	10,064	32,461	71,378	165,146	93,388
.70 to .79.....		34	6,297	47,627	4,612	10,064	32,461	71,378	165,146	93,388
.80 to .89.....	}	34	6,297	47,627	4,612	10,064	32,461	71,378	165,146	93,388
.90 and above.....		34	6,297	47,627	4,612	10,064	32,461	71,378	165,146	93,388
		34	6,297	47,627	4,612	10,064	32,461	71,378	165,146	93,388
		34	6,297	47,627	4,612	10,064	32,461	71,378	165,146	93,388

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 3361.--ALUMINUM CASTINGS											
Total.....	955	30,045	158,915	24,626	48,683	119,166	225,686	422,041	196,355	12,220	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	22	63	180	57	88	138	1,127	1,462	335	66	
.20 to .29.....	45	207	586	184	273	476	2,192	3,882	1,690	92	
.30 to .39.....	79	1,520	6,657	1,173	2,247	4,701	18,866	29,111	10,245	1,041	
.40 to .49.....	84	1,103	4,694	961	1,867	3,794	10,430	17,682	7,252	549	
.50 to .59.....	137	5,339	29,529	4,537	8,822	22,916	53,007	87,201	34,194	1,411	
.60 to .69.....	155	4,735	24,427	3,933	7,533	18,587	37,019	71,055	34,036	1,309	
.70 to .79.....	112	5,234	27,081	4,419	8,838	20,818	36,214	62,343	26,129	1,503	
.80 to .89.....	84	5,683	31,198	4,534	9,238	22,795	36,747	71,380	34,633	969	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3362.--BRASS, BRONZE, COPPER CASTINGS											
Total.....	665	14,861	70,512	12,294	23,538	52,786	109,744	220,955	111,211	5,103	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	37	209	751	188	318	646	3,200	4,495	1,295	229
.20 to .29.....		38	760	3,679	637	1,252	2,880	9,874	15,522	5,648	227
.30 to .39.....		50	1,582	7,498	1,256	2,464	5,581	16,396	30,868	14,472	653
.40 to .49.....		101	1,834	8,163	1,555	3,019	6,310	14,932	29,738	14,806	1,050
.50 to .59.....		116	3,656	18,348	2,995	5,743	12,969	28,233	55,003	26,770	942
.60 to .69.....		99	3,144	14,759	2,660	5,123	11,553	19,865	42,230	22,365	692
.70 to .79.....		72	1,791	8,579	1,461	2,676	6,291	10,002	21,235	11,233	502
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3369.--NONFERROUS CASTINGS, N.E.C.											
Total.....	345	17,253	89,239	14,330	27,617	66,339	135,311	234,649	99,338	5,013	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	25	160	692	139	274	570	2,722	4,121	1,399	70
.20 to .29.....		22	252	1,037	209	374	753	2,872	5,389	2,517	625
.30 to .39.....		35	1,767	9,075	1,479	2,674	6,639	19,278	32,466	13,188	505
.40 to .49.....		64	3,145	16,078	2,557	5,094	11,889	29,659	48,070	18,411	1,285
.50 to .59.....		51	3,666	20,081	3,075	6,056	14,640	30,899	52,110	21,211	877
.60 to .69.....		43	4,520	22,687	3,895	7,306	17,415	29,837	52,742	22,905	700
.70 to .79.....		28	2,427	13,076	2,056	4,137	10,422	15,611	27,728	12,117	384
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3391.--IRON AND STEEL FORGINGS											
Total.....	302	37,739	220,542	30,154	56,699	164,054	315,928	687,270	359,672	14,268	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	11	107	463	83	155	346	1,826	2,506	680	64
.20 to .29.....		22	572	2,926	464	865	2,289	8,180	14,543	6,363	345
.30 to .39.....		31	1,336	8,651	1,071	2,149	5,866	18,819	41,032	22,213	728
.40 to .49.....		45	4,518	26,465	3,655	6,773	19,232	47,408	93,730	46,322	1,811
.50 to .59.....		58	8,472	49,551	6,892	12,593	36,858	75,194	155,731	80,537	2,840
.60 to .69.....		49	14,243	86,174	11,264	21,198	65,082	116,309	259,822	143,573	5,182
.70 to .79.....		26	4,006	22,523	3,123	6,011	16,494	27,027	60,491	33,464	1,211
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3392.--NONFERROUS FORGINGS											
Total.....	28	4,649	27,806	3,476	6,761	19,383	36,760	98,694	61,930	2,033	
Below .10.....	}	28	4,649	27,806	3,476	6,761	19,383	36,760	98,694	61,930	2,033
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
	INDUSTRY 3399.--PRIMARY METAL INDUSTRIES, N.E.C.										
Total.....	754	14,956	94,704	11,513	24,658	65,437	192,250	284,661	93,593	13,501	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	21	210	1,034	164	324	711	7,027	7,737	663	179	
.20 to .29.....	44	923	6,144	704	1,469	4,514	23,381	39,265	15,170	1,483	
.30 to .39.....	71	1,488	9,500	1,119	2,315	6,970	26,980	40,035	15,486	2,397	
.40 to .49.....	169	2,993	18,927	2,322	4,926	12,738	41,700	55,938	13,998	3,168	
.50 to .59.....	143	3,780	24,843	2,916	6,302	17,028	45,812	69,642	24,367	2,976	
.60 to .69.....	130	2,973	18,925	2,310	5,067	12,744	29,378	40,179	10,736	1,467	
.70 to .79.....	58	1,272	8,103	1,012	2,205	5,799	10,985	15,906	4,881	641	
.80 to .89.....	24	599	3,318	455	1,023	2,392	3,959	5,854	1,887	153	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
	INDUSTRY 3411.--METAL CANS										
Total.....	270	53,245	377,031	46,110	97,340	311,058	830,515	2,075,014	1,265,197	66,507	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	22	1,931	12,123	1,696	3,482	10,089	75,795	166,463	91,938	2,988	
.20 to .29.....	32	2,946	19,641	2,579	5,404	16,373	77,479	213,254	139,443	4,410	
.30 to .39.....	50	7,189	50,923	6,209	13,002	42,058	140,050	367,576	231,852	11,896	
.40 to .49.....	47	13,112	94,600	11,359	23,515	77,515	209,548	470,860	268,560	15,723	
.50 to .59.....	38	12,641	90,872	10,948	22,790	74,803	164,727	384,528	221,062	11,057	
.60 to .69.....	21	5,681	40,713	5,080	11,153	35,348	74,729	165,009	88,344	7,416	
.70 to .79.....	24	5,729	39,389	4,762	10,019	30,781	53,070	158,860	106,348	4,390	
.80 to .89.....											
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
	INDUSTRY 3421.--CUTLERY										
Total.....	161	11,837	64,281	9,487	19,312	43,896	213,998	283,352	72,934	12,382	
Below .10.....	}	16	2,766	18,138	2,064	4,231	11,838	129,924	156,289	26,856	9,625
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
	INDUSTRY 3423.--HAND AND EDGE TOOLS										
Total.....	716	31,480	176,837	24,508	48,716	125,652	364,265	565,590	207,356	10,955	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	31	645	3,676	478	1,033	2,677	20,750	32,488	12,161	459	
.20 to .29.....	61	1,155	5,766	975	1,744	4,649	22,828	31,561	9,848	605	
.30 to .39.....	83	3,984	23,795	3,155	6,268	17,766	67,154	97,209	30,685	1,088	
.40 to .49.....	131	6,498	35,757	5,195	10,293	26,102	78,903	126,907	48,065	2,827	
.50 to .59.....	137	10,425	58,976	7,820	15,655	40,065	106,595	165,911	61,993	4,005	
.60 to .69.....	81	4,191	23,865	3,175	6,264	16,252	37,481	56,891	21,037	889	
.70 to .79.....	63	2,568	14,441	2,086	4,151	10,394	19,702	34,949	14,992	761	
.80 to .89.....	33	1,301	7,338	1,030	2,117	5,257	8,703	13,418	4,826	162	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
	INDUSTRY 3425.--HAND SAWS AND SAW BLADES										
Total.....	76	5,095	29,148	3,768	7,721	19,621	65,634	102,782	38,610	6,340	
Below .10.....	}	25	2,377	13,773	1,835	3,832	10,537	41,725	61,170	20,198	790
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)
		Total	Payroll	Total	Man-hours	Wages				
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)				
INDUSTRY 3399.--PRIMARY METAL INDUSTRIES, N.E.C.										
Total.....	581	9,795	52,717	7,359	14,813	35,088	90,656	141,172	50,516	5,615
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	10	82	333	69	133	267	2,437	5,505	3,068	30
.20 to .29.....	48	436	1,968	363	646	1,496	7,651	12,842	5,191	503
.30 to .39.....	48	405	1,993	315	603	1,420	5,674	8,444	2,770	438
.40 to .49.....	63	942	4,941	732	1,437	3,403	11,140	19,241	8,101	947
.50 to .59.....	120	2,145	11,206	1,564	3,197	7,365	20,610	29,631	9,021	1,093
.60 to .69.....	100	2,547	14,251	1,917	3,899	9,460	22,225	31,015	8,790	1,110
.70 to .79.....	60	1,398	8,278	1,047	2,191	5,369	11,099	17,473	6,374	666
.80 to .89.....	31	579	2,940	445	951	2,019	3,500	5,069	1,569	139
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3411.--METAL CANS										
Total.....	222	54,238	303,885	46,921	94,295	249,514	668,606	1,824,106	1,155,500	54,346
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	11	1,625	8,472	1,465	2,949	7,250	55,401	122,332	66,931	2,434
.20 to .29.....	31	3,566	19,588	3,116	6,348	16,296	73,943	199,744	125,801	17,483
.30 to .39.....	33	6,199	34,791	5,417	10,466	28,550	100,582	283,149	182,567	5,453
.40 to .49.....	47	14,430	82,290	12,467	25,286	67,593	178,943	472,252	293,309	9,363
.50 to .59.....	33	12,701	70,672	11,058	21,774	58,465	131,072	345,428	214,356	9,275
.60 to .69.....	25	7,725	44,764	6,735	14,117	37,221	68,874	204,594	135,720	3,913
.70 to .79.....	23	6,643	36,687	5,520	11,332	29,054	46,901	156,831	109,930	4,613
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3421.--CUTLERY										
Total.....	183	11,831	52,745	9,107	17,986	34,875	126,310	179,271	52,961	2,370
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	21	1,850	10,302	1,051	1,994	5,006	54,806	66,374	11,568	967
.20 to .29.....										
.30 to .39.....	19	537	2,267	440	865	1,667	6,062	8,422	2,360	150
.40 to .49.....	27	1,888	8,622	1,344	2,767	4,743	19,831	30,303	10,472	483
.50 to .59.....	25	1,404	6,576	1,150	2,408	4,727	12,253	16,495	4,242	308
.60 to .69.....	20	1,734	6,851	1,449	2,813	4,884	10,444	17,040	6,596	167
.70 to .79.....	26	3,141	13,427	2,634	5,094	10,282	17,866	30,930	13,064	218
.80 to .89.....	12	564	2,157	458	883	1,483	2,536	4,022	1,486	25
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3423.--HAND AND EDGE TOOLS										
Total.....	763	30,273	142,551	23,626	45,720	99,674	267,316	440,150	172,834	8,588
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	24	276	1,036	215	419	688	6,213	8,711	2,498	438
.20 to .29.....	79	2,131	9,174	1,716	3,258	6,845	33,418	52,337	18,919	652
.30 to .39.....	67	1,866	8,694	1,409	2,704	5,899	23,208	39,229	16,021	897
.40 to .49.....	99	5,468	25,673	4,482	8,877	18,871	55,553	89,745	34,192	1,807
.50 to .59.....	114	7,713	36,383	6,153	11,765	26,265	66,765	108,539	41,774	2,539
.60 to .69.....	108	5,784	28,449	4,328	8,371	18,724	43,823	72,710	28,887	1,136
.70 to .79.....	68	2,610	13,177	2,044	3,991	9,214	17,869	28,441	10,572	521
.80 to .89.....	57	1,548	7,256	1,217	2,332	5,192	8,703	13,723	5,020	176
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3425.--HAND SAWS AND SAW BLADES										
Total.....	89	5,509	28,311	4,077	7,883	18,482	53,658	87,626	33,968	1,225
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	33	2,319	12,043	1,795	3,426	8,216	31,919	47,637	15,718	498
.20 to .29.....										
.30 to .39.....	22	1,629	7,971	1,165	2,355	5,049	11,911	20,902	8,991	343
.40 to .49.....										
.50 to .59.....	17	981	5,322	704	1,317	3,492	7,209	12,593	5,384	154
.60 to .69.....										
.70 to .79.....	17	981	5,322	704	1,317	3,492	7,209	12,593	5,384	154
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 3429.--HARDWARE, N.E.C.										
Total.....	1,069	88,142	529,217	70,238	145,633	383,419	1,063,661	1,785,134	730,482	70,959
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	29	491	2,170	374	735	1,539	15,255	22,342	7,520	456
.20 to .29.....	60	1,446	7,735	1,023	2,076	4,450	31,393	54,319	23,570	1,005
.30 to .39.....	112	9,634	59,930	7,868	16,045	44,710	158,846	250,444	95,235	8,877
.40 to .49.....	197	28,074	189,737	22,888	48,776	143,769	426,582	683,536	262,761	31,190
.50 to .59.....	185	19,476	112,930	15,348	31,614	79,793	204,451	349,458	148,075	15,394
.60 to .69.....	170	19,018	105,336	14,746	30,692	71,973	164,384	293,528	125,534	9,504
.70 to .79.....	83	6,380	33,170	5,098	9,966	23,639	44,205	85,006	40,690	1,715
.80 to .89.....	40	1,344	7,473	1,108	2,250	5,505	8,789	18,676	10,089	244
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3431.--METAL PLUMBING FIXTURES										
Total.....	81	11,011	68,162	8,833	17,501	50,373	139,859	234,896	96,196	5,863
Below .10.....	}	31	3,290	2,658	5,252	15,302	61,636	98,668	38,068	2,000
.10 to .19.....										
.20 to .29.....										
.30 to .39.....	}	35	7,164	43,992	5,821	11,537	32,870	74,655	128,824	54,611
.40 to .49.....										
.50 to .59.....										
.60 to .69.....	}	38	2,277	12,049	2,007	4,138	9,805	16,056	40,191	24,080
.70 to .79.....										
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3432.--PLUMBING FITTINGS, BRASS GOODS										
Total.....	250	15,129	79,336	12,314	23,988	58,259	154,752	333,832	181,271	6,542
Below .10.....	}	10	310	1,510	241	486	1,028	10,660	16,797	6,382
.10 to .19.....										
.20 to .29.....										
.30 to .39.....	}	14	224	1,111	164	322	704	4,273	6,484	2,405
.40 to .49.....										
.50 to .59.....										
.60 to .69.....	}	29	1,589	8,271	1,218	2,426	5,377	23,327	47,723	25,161
.70 to .79.....										
.80 to .89.....										
.90 and above.....	}	49	3,553	18,967	2,957	5,628	14,600	41,619	86,412	45,352
.10 to .19.....										
.20 to .29.....										
.30 to .39.....	}	37	3,810	20,077	2,967	5,679	13,792	36,833	85,898	49,448
.40 to .49.....										
.50 to .59.....										
.60 to .69.....	}	31	2,645	13,833	2,185	4,221	10,481	21,451	40,913	20,053
.70 to .79.....										
.80 to .89.....										
.90 and above.....	}	38	2,277	12,049	2,007	4,138	9,805	16,056	40,191	24,080
.10 to .19.....										
.20 to .29.....										
.30 to .39.....	}	24	1,706	10,491	1,135	2,184	6,107	12,397	27,224	14,607
.40 to .49.....										
.50 to .59.....										
.60 to .69.....	}	24	1,706	10,491	1,135	2,184	6,107	12,397	27,224	14,607
.70 to .79.....										
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3433.--HEATING EQUIPMENT, EXCEPT ELECTRIC										
Total.....	648	42,020	243,857	30,232	60,035	154,435	495,652	1,019,787	525,517	17,815
Below .10.....	}	20	332	2,063	186	361	851	13,073	25,387	12,980
.10 to .19.....										
.20 to .29.....										
.30 to .39.....	}	43	1,672	9,647	1,287	2,588	6,760	29,545	63,125	34,915
.40 to .49.....										
.50 to .59.....										
.60 to .69.....	}	74	6,001	34,864	4,709	9,447	25,031	99,472	183,683	86,218
.70 to .79.....										
.80 to .89.....										
.90 and above.....	}	153	13,055	79,652	9,083	18,305	48,259	178,278	361,048	181,939
.10 to .19.....										
.20 to .29.....										
.30 to .39.....	}	103	6,462	38,081	4,562	9,324	22,390	69,328	144,789	74,785
.40 to .49.....										
.50 to .59.....										
.60 to .69.....	}	73	6,959	39,257	5,261	10,357	25,860	62,221	135,829	75,173
.70 to .79.....										
.80 to .89.....										
.90 and above.....	}	39	2,899	15,539	2,132	4,131	10,268	21,168	41,839	21,019
.10 to .19.....										
.20 to .29.....										
.30 to .39.....	}	24	1,706	10,491	1,135	2,184	6,107	12,397	27,224	14,607
.40 to .49.....										
.50 to .59.....										
.60 to .69.....	}	24	1,706	10,491	1,135	2,184	6,107	12,397	27,224	14,607
.70 to .79.....										
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3441.--FABRICATED STRUCTURAL STEEL										
Total.....	1,718	85,423	527,220	63,674	127,899	350,337	814,805	1,916,048	1,140,975	28,162
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	25	474	2,074	376	727	1,513	12,588	18,263	6,061	157
.20 to .29.....	67	1,829	11,298	1,314	2,773	7,348	45,205	74,964	30,489	797
.30 to .39.....	126	3,609	21,454	2,706	5,364	14,305	61,277	110,281	51,387	1,286
.40 to .49.....	149	7,005	42,084	5,096	10,499	27,517	94,461	192,252	105,074	2,042
.50 to .59.....	262	14,358	87,758	10,566	21,423	57,581	161,367	355,938	206,753	4,093
.60 to .69.....	448	23,305	141,932	17,818	36,098	96,342	218,351	485,249	283,158	7,078
.70 to .79.....	208	10,670	70,918	7,837	16,467	46,614	95,641	241,063	143,546	4,180
.80 to .89.....	108	5,382	35,706	3,709	7,194	21,569	42,347	106,199	63,414	1,203
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)
		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
INDUSTRY 3429.--HARDWARE, N.E.C.										
Total.....	1,059	88,105	433,304	68,078	134,166	301,509	754,943	1,347,879	592,936	25,644
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	38	344	1,279	253	550	913	7,528	13,071	5,543	236
.20 to .29.....	58	886	4,083	568	1,096	1,955	15,286	28,940	13,654	852
.30 to .39.....	124	4,401	19,366	3,316	6,577	12,716	55,559	94,914	39,355	2,191
.40 to .49.....	146	12,171	59,084	9,544	19,114	40,871	128,046	212,477	84,431	3,716
.50 to .59.....	196	27,042	141,497	21,355	41,489	102,442	258,790	481,474	222,684	6,939
.60 to .69.....	167	20,688	99,210	15,453	30,259	65,304	150,777	265,448	114,671	5,201
.70 to .79.....	91	12,349	54,747	9,913	19,813	39,930	74,367	126,854	52,487	2,520
.80 to .89.....	52	3,138	15,504	2,505	5,167	11,767	18,388	41,205	22,817	747
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3431.--METAL PLUMBING FIXTURES										
Total.....	63	12,432	67,848	10,108	19,179	50,754	118,555	214,872	96,317	8,928
Below .10.....	}	23	2,623	2,213	4,049	10,687	32,681	57,815	25,134	1,285
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	11	3,514	2,879	5,272	13,401	32,275	58,729	26,454	2,194
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}	13	4,895	27,163	3,940	7,843	20,038	41,948	73,800	31,852
.90 and above.....										
.80 to .89.....	}	16	1,400	9,818	1,026	2,015	6,628	11,651	24,528	12,877
.90 and above.....										
INDUSTRY 3432.--PLUMBING FITTINGS, BRASS GOODS										
Total.....	254	14,663	66,937	12,140	22,993	50,425	120,560	250,326	129,766	3,564
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	28	525	2,491	426	807	1,765	10,314	16,713	6,399
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	}	32	2,637	11,625	2,164	4,168	8,571	24,351	50,578	26,227
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	}	52	4,159	18,932	3,492	6,364	14,973	34,040	69,055	35,015
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	}	32	2,637	11,625	2,164	4,168	8,571	24,351	50,578	26,227
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	}	52	4,159	18,932	3,492	6,364	14,973	34,040	69,055	35,015
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	}	32	2,637	11,625	2,164	4,168	8,571	24,351	50,578	26,227
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	}	52	4,159	18,932	3,492	6,364	14,973	34,040	69,055	35,015
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	}	32	2,637	11,625	2,164	4,168	8,571	24,351	50,578	26,227
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	}	52	4,159	18,932	3,492	6,364	14,973	34,040	69,055	35,015
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	}	32	2,637	11,625	2,164	4,168	8,571	24,351	50,578	26,227
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	}	52	4,159	18,932	3,492	6,364	14,973	34,040	69,055	35,015
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	}	32	2,637	11,625	2,164	4,168	8,571	24,351	50,578	26,227
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	}	52	4,159	18,932	3,492	6,364	14,973	34,040	69,055	35,015
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	}	32	2,637	11,625	2,164	4,168	8,571	24,351	50,578	26,227
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	}	52	4,159	18,932	3,492	6,364	14,973	34,040	69,055	35,015
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	}	32	2,637	11,625	2,164	4,168	8,571	24,351	50,578	26,227
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	}	52	4,159	18,932	3,492	6,364	14,973	34,040	69,055	35,015
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	}	32	2,637	11,625	2,164	4,168	8,571	24,351	50,578	26,227
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	}	52	4,159	18,932	3,492	6,364	14,973	34,040	69,055	35,015
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	}	32	2,637	11,625	2,164	4,168	8,571	24,351	50,578	26,227
.60 to .69.....										
.70 to .79.....										
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.90 and above.....	}	52	4,159	18,932	3,492	6,364	14,973	34,040	69,055	35,015
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	}	32	2,637	11,625	2,164	4,168	8,571	24,351	50,578	26,227
.60 to .69.....										
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.80 to .89.....										
.90 and above.....	}	52	4,159	18,932	3,492	6,364	14,973	34,040	69,055	35,015
.10 to .19.....										
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.40 to .49.....										
.50 to .59.....	}	32	2,637	11,625	2,164	4,168	8,571	24,351	50,578	26,227
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.90 and above.....	}	52	4,159	18,932	3,492	6,364	14,973	34,040	69,055	35,015
.10 to .19.....										
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.90 and above.....	}	52	4,159	18,932	3,492	6,364	14,973	34,040	69,055	35,015
.10 to .19.....										
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.30 to .39.....										
.40 to .49.....										
.50 to .59.....	}	32	2,637	11,625	2,164	4,168	8,571	24,351	50,578	26,227
.60 to .69.....										
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.90 and above.....	}	52	4,159	18,932	3,492	6,364	14,973	34,040	69,055	35,015
.10 to .19.....										
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.50 to .59.....	}	32	2,637	11,625	2,164	4,168	8,571	24,351	50,578	26,227
.60 to .69.....										
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.90 and above.....	}	52	4,159	18,932	3,492	6,364	14,973	34,040	69,055	35,015
.10 to .19.....										
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.50 to .59.....	}	32	2,637	11,625	2,164	4,168	8,571	24,351	50,578	26,227
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.90 and above.....	}	52	4,159	18,932	3,492	6,364	14,973	34,040	69,055	35,015
.10 to .19.....										
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.10 to .19.....										
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.90 and above.....	}	52	4,159	18,932	3,492	6,364	14,973	34,040	69,055	35,015
.10 to .19.....										
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.10 to .19.....										
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.50 to .59.....	}	32	2,637	11,625	2,164	4,168	8,571	24,351	50,578	26,227
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.60 to .69.....										
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.90 and above.....	}	52	4,159	18,932	3,492	6,364	14,973	34,040	69,055	35,015
.10 to .19.....										
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.30 to .39.....										
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.50 to .59.....	}	32	2,637	11,625	2,164	4,168	8,571	24,351	50,578	26,227
.60 to .69.....										
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.90 and above.....	}	52	4,159	18,932	3,492	6,364	14,973	34,040	69,055	35,015
.10 to .19.....										
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.30 to .39.....										
.40 to .49.....										
.50 to .59.....	}	32	2,637	11,625	2,164	4,168	8,571	24,351	50,578	26,227
.60 to .69.....										
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.90 and above.....	}	52	4,159	18,932	3,492	6,364	14,973	34,040	69,055	35,015
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	}	32	2,637	11,625	2,164	4,168	8,571	24,351	50,578	26,227
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 3442.--METAL DOORS, SASH AND TRIM										
Total.....	1,817	62,799	324,796	46,645	95,727	206,127	570,370	1,253,814	681,385	21,305
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	40	178	548	144	302	417	3,423	6,662	3,433	109
.20 to .29.....	102	1,382	5,926	1,097	2,194	4,156	23,190	44,230	21,252	984
.30 to .39.....	186	5,631	27,175	4,614	9,633	20,588	73,273	138,866	66,853	3,681
.40 to .49.....	324	13,100	62,101	9,621	19,886	38,807	134,107	285,461	153,758	5,227
.50 to .59.....	372	12,895	67,033	9,452	19,154	42,060	120,552	256,484	135,587	3,581
.60 to .69.....	251	13,951	79,507	10,238	21,265	50,219	122,996	257,872	136,092	4,238
.70 to .79.....	163	6,050	32,465	4,402	9,052	18,935	43,841	102,706	57,393	1,777
.80 to .89.....	76	3,273	18,000	2,249	4,396	9,988	21,191	50,048	28,577	481
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3443.--BOILER SHOP PRODUCTS										
Total.....	1,383	75,018	465,372	54,629	111,409	310,471	770,064	1,622,988	860,612	32,910
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	25	319	1,566	274	560	1,282	9,169	18,597	9,217	366
.20 to .29.....	60	2,930	15,135	2,485	5,153	12,649	58,672	109,708	40,749	2,968
.30 to .39.....	118	4,594	25,680	3,899	8,034	21,164	71,616	128,029	56,665	2,172
.40 to .49.....	147	5,921	35,404	4,465	9,361	23,998	77,402	170,302	97,669	2,874
.50 to .59.....	322	13,745	84,992	10,045	20,695	55,955	172,453	315,395	163,806	6,554
.60 to .69.....	246	19,357	123,032	13,514	27,292	77,626	188,114	384,482	214,321	7,395
.70 to .79.....	158	9,699	60,862	7,140	14,406	40,629	81,810	168,799	89,393	2,336
.80 to .89.....	60	3,853	23,601	2,896	6,015	16,528	27,789	76,562	46,759	1,221
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3444.--SHEET METAL WORK										
Total.....	3,250	61,651	373,284	48,041	97,079	264,665	632,384	1,303,670	669,778	26,180
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	56	626	2,773	512	1,053	2,044	16,915	29,350	13,145	595
.20 to .29.....	177	2,708	13,415	2,108	4,284	9,258	51,181	113,137	61,775	1,899
.30 to .39.....	297	3,594	21,042	2,711	5,509	14,068	60,185	116,490	57,124	2,210
.40 to .49.....	363	7,434	42,467	5,759	11,509	28,691	94,181	207,380	113,397	4,038
.50 to .59.....	707	11,494	62,900	9,043	18,352	44,417	115,097	217,025	102,525	5,066
.60 to .69.....	465	13,076	81,806	10,031	20,769	56,870	125,574	239,545	113,992	3,838
.70 to .79.....	299	8,398	55,586	6,819	13,608	42,207	74,929	142,488	67,459	5,154
.80 to .89.....	179	6,633	46,356	5,104	9,855	32,177	54,822	125,797	69,978	1,655
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3446.--ARCHITECTURAL METAL WORK										
Total.....	1,334	15,587	86,956	12,474	24,195	60,613	148,763	269,256	119,313	6,102
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	35	90	312	78	158	252	2,226	2,776	580	53
.20 to .29.....	131	500	2,235	422	830	1,692	8,501	13,259	4,780	225
.30 to .39.....	162	1,328	6,789	1,036	2,091	4,822	19,092	33,526	14,674	1,139
.40 to .49.....	180	2,083	12,417	1,605	3,193	7,944	27,623	44,585	17,589	1,213
.50 to .59.....	209	3,163	18,506	2,402	4,668	12,187	33,982	58,243	24,337	1,262
.60 to .69.....	159	2,399	13,030	1,954	3,757	9,216	19,898	34,844	15,120	933
.70 to .79.....	106	2,124	11,354	1,728	3,349	7,838	15,407	27,625	12,662	703
.80 to .89.....	71	2,326	14,150	1,932	3,640	10,688	16,807	36,313	19,280	334
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3449.--MISCELLANEOUS METAL WORK, N.E.C.										
Total.....	697	24,992	145,042	16,963	34,510	88,843	283,427	704,166	420,857	11,475
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	13	210	644	117	234	480	4,247	8,985	5,373	452
.20 to .29.....	38	1,663	10,749	1,101	2,254	6,134	42,237	91,741	50,215	1,313
.30 to .39.....	71	2,787	16,502	2,032	4,051	10,997	46,742	97,779	51,278	1,738
.40 to .49.....	105	5,607	32,488	3,920	7,953	19,799	72,030	152,187	82,800	2,838
.50 to .59.....	193	4,298	23,927	2,968	6,162	14,987	45,989	114,468	69,241	2,136
.60 to .69.....	74	2,684	15,598	1,788	3,904	9,582	24,340	69,080	44,816	731
.70 to .79.....	42	2,793	16,783	1,908	3,709	10,535	22,347	60,744	37,864	861
.80 to .89.....	22	1,370	9,274	778	1,500	4,195	10,820	25,870	15,131	933
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)				
							(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 3442.--METAL DOORS, SASH, AND TRIM										
Total.....	1,546	57,897	273,219	42,433	83,849	171,756	469,050	1,037,371	567,321	18,055
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	50	610	1,838	489	704	1,314	11,459	18,676	7,217	205
.20 to .29.....	95	1,646	6,040	1,275	2,409	4,621	23,697	44,521	20,824	356
.30 to .39.....	151	5,303	22,661	4,106	8,035	15,228	62,928	130,461	67,533	1,967
.40 to .49.....	202	7,200	33,476	5,456	10,832	21,534	74,603	150,424	75,821	2,790
.50 to .59.....	255	12,533	59,875	9,606	19,382	38,229	107,660	228,820	121,160	3,708
.60 to .69.....	236	9,323	43,775	6,518	13,148	27,447	67,524	146,862	79,338	2,185
.70 to .79.....	166	9,194	45,483	6,878	13,361	30,506	62,065	141,190	79,125	2,695
.80 to .89.....	80	4,176	21,036	2,811	5,818	11,842	25,475	58,071	32,596	821
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3443.--BOILER SHOP PRODUCTS										
Total.....	1,252	90,551	497,146	64,658	127,164	323,238	754,972	1,670,007	915,035	45,043
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	43	348	1,369	306	570	1,151	8,540	16,661	8,121	311
.20 to .29.....	68	1,007	3,999	807	1,531	2,989	15,296	26,473	11,177	376
.30 to .39.....	86	3,272	15,416	2,917	5,710	13,329	41,918	71,118	29,200	1,436
.40 to .49.....	118	7,331	42,240	4,769	9,569	24,255	96,735	189,340	92,605	2,459
.50 to .59.....	186	20,433	113,510	13,988	26,919	70,339	201,731	408,005	206,274	13,581
.60 to .69.....	215	15,627	82,730	11,687	22,983	56,954	126,881	274,180	147,299	10,556
.70 to .79.....	174	18,338	99,087	13,128	25,912	65,770	133,980	293,215	159,235	3,737
.80 to .89.....	98	6,535	35,063	4,588	8,956	22,469	41,557	100,245	58,688	2,945
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3444.--SHEET METAL WORK										
Total.....	3,158	58,800	307,905	44,395	86,142	210,892	516,136	1,077,811	561,675	22,339
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	91	540	1,871	423	830	1,292	11,806	26,529	14,723	583
.20 to .29.....	191	1,292	5,219	1,108	1,933	4,172	20,483	44,440	23,957	1,556
.30 to .39.....	314	5,405	26,794	4,040	7,804	17,755	75,208	153,069	77,861	3,611
.40 to .49.....	376	7,447	35,895	5,470	10,531	23,075	79,340	166,009	86,669	3,927
.50 to .59.....	405	9,469	50,540	6,739	13,321	32,341	91,765	200,031	108,266	2,891
.60 to .69.....	478	10,746	57,540	8,428	16,619	40,431	88,156	164,943	76,787	2,893
.70 to .79.....	351	9,848	54,959	7,716	15,080	39,153	73,300	136,175	62,875	2,762
.80 to .89.....	222	4,383	24,729	3,408	6,694	17,957	29,482	59,446	29,964	1,138
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3449.--MISCELLANEOUS METAL WORK, N.E.C.										
Total.....	1,591	42,122	224,804	30,856	61,990	142,607	401,076	917,151	516,075	15,903
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	71	359	1,266	309	616	964	8,162	13,160	4,998	255
.20 to .29.....	128	1,293	6,620	1,038	2,063	4,890	25,177	66,733	41,556	1,572
.30 to .39.....	191	4,656	24,533	3,367	6,700	14,841	70,574	151,394	80,820	2,230
.40 to .49.....	201	7,187	38,615	5,353	10,948	24,989	86,770	195,521	108,751	4,105
.50 to .59.....	221	5,671	30,446	4,022	8,062	18,380	54,943	127,044	72,101	2,065
.60 to .69.....	211	7,645	41,048	5,701	11,248	26,110	64,418	125,179	60,761	1,502
.70 to .79.....	135	4,953	26,298	3,613	7,228	16,402	35,312	77,216	41,904	1,264
.80 to .89.....	94	4,051	24,349	2,935	5,942	16,327	29,024	62,866	33,842	841
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 3451.--SCREW MACHINE PRODUCTS										
Total.....	1,874	36,909	213,172	30,796	64,270	159,991	358,961	588,981	232,878	18,676
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	44	289	1,326	260	541	1,138	8,265	10,660	2,380	132
.20 to .29.....	105	680	3,307	586	1,204	2,683	13,076	19,227	6,151	466
.30 to .39.....	165	1,717	8,911	1,461	3,043	7,097	24,817	38,586	14,494	995
.40 to .49.....	204	3,422	19,131	2,914	6,104	14,684	42,266	69,277	27,346	1,948
.50 to .59.....	455	9,811	54,265	7,987	16,825	40,545	98,554	159,772	61,724	5,370
.60 to .69.....	308	9,000	53,848	7,603	15,871	39,680	83,445	139,523	57,301	5,746
.70 to .79.....	209	7,201	44,320	5,935	12,602	32,522	59,691	95,474	35,954	2,240
.80 to .89.....	87	2,239	12,564	1,871	3,750	9,461	15,016	27,755	12,605	779
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3452.--BOLTS, NUTS, RIVETS, AND WASHERS										
Total.....	573	57,618	371,026	43,972	92,502	257,477	695,276	1,218,247	527,860	31,431
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	12	236	1,631	197	459	1,283	11,890	17,083	5,926	793
.20 to .29.....	30	1,013	5,025	770	1,531	3,503	19,318	28,147	9,006	711
.30 to .39.....	65	4,390	25,790	3,444	7,700	17,675	73,822	121,739	48,900	3,770
.40 to .49.....	126	10,782	72,897	7,868	17,065	47,474	160,344	274,789	115,314	8,199
.50 to .59.....	145	21,889	145,641	17,033	36,382	102,395	257,959	444,797	190,326	11,012
.60 to .69.....	80	11,772	76,488	8,867	17,839	53,408	118,372	223,508	105,071	4,390
.70 to .79.....	39	4,512	26,768	3,544	6,980	20,857	36,964	60,017	23,325	763
.80 to .89.....	16	1,420	8,262	1,062	2,236	5,603	9,698	22,248	11,654	607
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3461.--METAL STAMPINGS										
Total.....	2,574	132,179	772,557	108,336	222,005	567,309	1,368,993	2,678,996	1,324,939	64,248
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	65	520	2,278	445	921	1,709	13,584	23,624	10,317	557
.20 to .29.....	120	1,822	8,120	1,617	3,146	6,701	31,699	64,023	32,986	1,071
.30 to .39.....	219	9,217	47,687	7,789	15,961	36,561	139,235	250,708	113,899	5,505
.40 to .49.....	401	22,081	123,291	17,787	36,432	86,304	274,457	526,316	256,124	12,802
.50 to .59.....	572	38,524	223,818	31,722	65,243	166,615	405,892	805,721	409,301	20,491
.60 to .69.....	466	31,969	200,205	26,088	53,228	147,412	309,182	585,769	278,251	13,804
.70 to .79.....	281	15,424	91,608	12,518	26,233	66,277	122,385	242,491	119,545	4,429
.80 to .89.....	121	5,765	34,619	4,785	9,646	25,181	41,730	89,296	46,835	1,371
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3471.--PLATING AND POLISHING										
Total.....	3,023	44,962	223,504	37,722	74,846	169,592	370,202	517,572	148,320	20,032
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	15	152	975	92	186	486	6,328	7,419	1,172	486
.20 to .29.....	69	547	2,793	407	879	2,020	10,932	14,845	3,959	404
.30 to .39.....	234	1,962	8,541	1,698	3,325	6,986	23,628	32,023	8,671	1,498
.40 to .49.....	351	4,510	21,957	3,704	7,306	16,883	48,099	63,281	15,230	2,543
.50 to .59.....	770	11,704	56,608	9,780	19,226	42,966	102,715	140,922	38,390	5,988
.60 to .69.....	532	12,368	63,178	10,462	21,002	46,795	97,734	132,988	35,524	4,128
.70 to .79.....	314	7,923	40,921	6,720	13,475	31,160	55,238	78,592	23,408	2,558
.80 to .89.....	144	2,135	10,341	1,805	3,483	8,009	12,306	19,110	6,781	560
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3479.--METAL COATING, ENGRAVING, ETC.										
Total.....	1,258	20,669	107,110	17,113	34,998	79,136	184,546	322,139	137,211	8,656
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	38	191	668	153	313	517	4,949	6,126	1,138	125
.20 to .29.....	67	391	1,853	325	674	1,304	7,059	11,345	4,548	214
.30 to .39.....	104	1,278	5,499	1,106	2,231	4,569	15,551	22,762	7,178	718
.40 to .49.....	132	2,223	12,222	1,843	3,795	9,128	26,751	44,251	17,445	1,235
.50 to .59.....	303	5,521	29,061	4,689	10,035	22,685	52,386	101,189	48,687	3,012
.60 to .69.....	191	5,111	26,886	4,228	8,450	19,555	41,444	73,158	31,954	1,575
.70 to .79.....	133	3,026	15,667	2,445	4,829	10,666	21,317	34,262	12,352	988
.80 to .89.....	67	1,087	5,713	882	1,841	4,105	6,837	9,904	3,040	153
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)
		Total	Payroll	Total	Man-hours	Wages				
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)				
INDUSTRY 3451.--SCREW MACHINE PRODUCTS										
Total.....	1,792	31,836	154,925	25,892	51,915	113,989	249,975	425,113	175,138	11,222
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	69	168	403	153	253	374	2,651	3,827	1,176	252
.20 to .29.....	115	492	2,160	414	777	1,714	9,004	14,741	5,737	338
.30 to .39.....	185	1,284	5,145	1,104	2,033	4,256	14,684	22,477	7,793	838
.40 to .49.....	204	2,692	11,915	2,200	4,340	9,203	26,198	43,845	17,647	1,217
.50 to .59.....	297	6,417	30,752	5,266	10,654	23,152	55,582	90,557	34,975	2,327
.60 to .69.....	294	8,031	40,962	6,500	13,202	29,477	63,546	107,556	44,010	2,823
.70 to .79.....	231	6,720	34,236	5,436	11,247	24,781	46,021	78,234	32,213	1,637
.80 to .89.....	121	2,589	13,098	2,072	4,197	9,249	15,632	28,138	12,506	512
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3452.--BOLTS, NUTS, RIVETS AND WASHERS										
Total.....	525	53,270	286,039	40,202	80,579	191,886	504,731	880,328	375,597	43,707
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	15	322	987	277	504	778	7,057	10,458	3,401	334
.20 to .29.....	26	682	3,521	525	1,012	2,340	13,636	21,180	7,544	191
.30 to .39.....	55	2,476	13,690	1,946	4,104	9,491	39,729	65,832	26,103	9,002
.40 to .49.....	79	8,783	43,838	6,917	13,697	30,216	96,892	169,085	72,193	8,001
.50 to .59.....	124	16,601	90,597	12,184	24,228	58,736	165,256	269,481	104,225	12,490
.60 to .69.....	65	10,381	59,123	7,816	15,847	40,229	92,421	162,035	69,614	5,390
.70 to .79.....	56	7,663	40,923	5,751	11,704	27,972	54,380	96,149	41,769	5,298
.80 to .89.....	29	2,593	13,834	1,980	3,862	9,419	16,710	33,677	16,967	804
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3461.--METAL STAMPINGS										
Total.....	2,454	125,300	644,217	99,759	199,664	457,345	1,045,220	2,095,409	1,050,189	50,407
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	58	431	2,065	327	589	1,465	12,996	23,067	10,071	512
.20 to .29.....	127	2,477	12,267	1,992	3,847	8,948	44,029	79,313	35,284	1,067
.30 to .39.....	222	6,531	30,822	5,408	10,758	23,608	89,557	158,452	68,895	3,639
.40 to .49.....	266	14,595	73,148	11,728	23,389	50,470	162,839	319,302	156,463	7,930
.50 to .59.....	422	23,745	120,091	19,215	38,937	86,595	219,074	438,615	219,541	9,393
.60 to .69.....	436	24,501	127,374	19,770	39,845	90,888	196,464	386,524	190,060	7,142
.70 to .79.....	327	20,289	104,669	16,023	32,525	73,608	141,570	270,729	129,159	10,981
.80 to .89.....	192	17,805	97,794	13,551	26,552	66,308	115,575	231,727	116,152	4,911
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3471.--PLATING AND POLISHING										
Total.....	2,646	36,471	156,274	30,543	59,082	117,703	253,784	359,116	105,332	15,877
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	74	288	854	223	382	612	5,049	6,156	1,107	261
.20 to .29.....	147	749	2,591	659	1,254	2,167	10,218	14,430	4,212	647
.30 to .39.....	256	1,863	6,757	1,576	2,805	5,489	18,883	24,726	5,843	1,295
.40 to .49.....	303	3,421	14,678	2,865	5,694	11,597	32,103	41,067	8,964	1,796
.50 to .59.....	484	6,940	29,376	5,798	11,317	22,129	52,998	73,692	20,694	3,069
.60 to .69.....	410	8,133	35,529	6,776	13,328	26,168	55,000	74,199	19,199	2,515
.70 to .79.....	331	7,612	34,001	6,414	12,649	25,821	45,634	62,766	17,132	1,911
.80 to .89.....	149	2,913	12,993	2,447	4,514	9,113	15,357	25,674	10,317	1,208
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3479.--METAL COATING, ENGRAVING, ETC.										
Total.....	1,003	15,680	68,046	12,892	25,206	49,985	108,379	196,389	88,010	4,678
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	35	67	127	62	104	118	845	1,084	239	54
.20 to .29.....	84	275	975	232	400	721	3,676	6,734	3,058	133
.30 to .39.....	88	887	2,846	742	1,294	2,286	8,293	13,731	5,438	375
.40 to .49.....	125	1,293	5,332	1,056	2,016	4,163	11,671	17,133	5,462	491
.50 to .59.....	159	2,872	13,186	2,357	4,857	9,668	23,897	44,038	20,141	995
.60 to .69.....	159	3,977	16,894	3,337	6,565	12,390	26,028	36,873	10,845	1,246
.70 to .79.....	114	3,021	14,176	2,412	4,781	10,064	18,754	37,019	18,265	528
.80 to .89.....	79	1,435	6,392	1,172	2,262	4,643	7,574	10,925	3,351	278
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
	INDUSTRY 3481.--FABRICATED WIRE PRODUCTS, N.E.C.									
Total.....	1,567	55,514	297,626	45,070	92,096	213,329	539,137	1,030,876	490,937	24,795
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	33	556	2,823	392	797	1,608	15,563	25,018	9,691	261
.20 to .29.....	91	1,896	8,627	1,567	3,187	6,024	32,385	55,697	23,698	1,524
.30 to .39.....	139	3,267	15,945	2,520	5,104	11,103	45,936	82,187	36,507	2,453
.40 to .49.....	206	7,318	36,811	5,767	11,534	25,287	81,863	165,347	83,273	2,956
.50 to .59.....	378	14,062	72,931	11,471	23,355	53,188	133,211	260,415	127,086	5,717
.60 to .69.....	259	16,674	96,700	13,759	28,325	71,245	149,603	269,097	120,241	6,571
.70 to .79.....	147	6,718	36,316	5,523	11,778	26,661	49,056	94,618	45,709	2,441
.80 to .89.....	61	1,502	7,352	1,263	2,570	5,372	8,659	17,780	9,020	763
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	INDUSTRY 3491.--METAL BARRELS, DRUMS, AND PAILS									
Total.....	145	10,508	66,614	8,480	17,713	49,127	119,617	303,423	183,880	6,412
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	62	3,980	24,108	3,330	6,993	18,381	56,060	127,388	71,484
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	}	30	2,922	20,431	2,359	5,218	15,329	36,691	96,522	60,235
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	INDUSTRY 3492.--SAFES AND VAULTS									
Total.....	32	3,346	21,782	2,304	4,817	14,041	56,223	78,012	24,269	1,794
Below .10.....	}	16	2,836	18,721	1,943	4,078	12,035	51,664	68,486	19,337
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	16	510	3,061	361	739	2,006	4,559	9,526	4,932
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}	15	1,590	10,301	1,323	2,693	7,926	12,886	32,975	20,010
.90 and above.....										
INDUSTRY 3493.--STEEL SPRINGS										
Total.....	96	6,287	41,321	5,110	10,633	31,398	69,305	157,704	89,063	1,962
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	25	736	4,401	594	1,239	3,092	11,641	20,362	8,945
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	}	26	2,178	14,190	1,739	3,569	10,841	26,223	62,266	36,281
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	INDUSTRY 3494.--VALVES AND PIPE FITTINGS									
Total.....	646	80,407	500,009	58,148	116,929	321,239	942,700	1,588,509	651,964	38,951
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	13	540	2,770	369	751	1,746	16,796	23,526	7,397	223
.20 to .29.....	30	1,638	10,423	1,044	2,146	5,705	42,441	54,317	14,936	333
.30 to .39.....	70	7,558	47,207	5,454	11,235	30,644	131,790	202,263	71,815	4,411
.40 to .49.....	139	17,797	110,064	12,877	25,595	70,282	243,116	391,768	153,632	12,701
.50 to .59.....	121	19,067	117,254	13,751	27,269	74,961	213,731	347,856	136,693	7,601
.60 to .69.....	102	19,294	123,092	14,013	28,805	80,440	190,527	351,384	163,074	6,867
.70 to .79.....	43	7,014	43,798	5,410	10,943	29,746	58,260	101,978	45,109	3,622
.80 to .89.....	27	3,415	22,514	2,427	4,469	13,586	26,613	53,472	26,163	743
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)			
		Total	Payroll	Total	Man-hours	Wages							
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)							
INDUSTRY 3481.--FABRICATED WIRE PRODUCTS, N.E.C.													
Total.....	1,463	55,476	261,027	44,125	86,278	184,432	439,940	874,923	434,983	18,105			
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)			
.10 to .19.....	49	214	585	191	336	492	3,423	6,352	2,929	254			
.20 to .29.....	95	1,301	5,885	993	2,061	3,993	24,729	51,703	26,974	856			
.30 to .39.....	155	4,024	18,650	2,937	5,600	12,520	52,033	96,535	44,502	1,465			
.40 to .49.....	175	5,245	22,091	4,043	7,834	15,422	49,871	91,656	41,785	1,800			
.50 to .59.....	238	12,057	58,905	9,739	19,401	42,677	105,466	194,812	89,346	4,318			
.60 to .69.....	254	12,732	58,967	10,454	20,934	42,497	91,761	179,585	87,824	4,041			
.70 to .79.....	171	10,355	51,404	8,391	16,355	36,415	69,521	137,850	68,329	2,522			
.80 to .89.....	85	4,601	23,167	3,642	7,274	15,990	27,323	56,370	29,047	1,441			
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)			
INDUSTRY 3491.--METAL BARRELS, DRUMS AND PAILS													
Total.....	126	9,496	53,200	7,584	15,244	38,766	96,171	250,256	154,085	5,332			
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)			
.10 to .19.....	}	14	104	409	102	193	369	1,588	4,827	3,239	92		
.20 to .29.....		22	1,158	6,056	973	1,920	4,584	17,113	44,578	27,465	392		
.30 to .39.....		24	1,483	8,394	1,150	2,454	6,062	18,915	53,241	34,326	181		
.40 to .49.....		22	2,540	13,698	2,079	3,946	9,975	24,809	63,415	38,606	1,628		
.50 to .59.....	}	12	1,198	6,546	936	1,913	4,525	10,171	26,803	16,632	211		
.60 to .69.....		16	2,655	15,489	2,023	3,929	10,800	16,886	48,162	31,276	1,527		
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)			
INDUSTRY 3492.--SAFES AND VAULTS													
Total.....	33	3,495	15,843	2,323	4,417	10,722	39,537	58,790	19,253	683			
Below .10.....	}	12	2,113	8,520	1,367	2,427	6,245	28,574	39,662	11,088	547		
.10 to .19.....		}	21	1,382	7,323	956	1,990	4,477	10,963	19,128	8,165	136	
.20 to .29.....			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.30 to .39.....			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.40 to .49.....	(*)		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.50 to .59.....	}	17	2,844	14,958	2,261	4,281	11,043	22,476	48,552	26,076	732		
.60 to .69.....		}	16	1,809	9,857	1,410	2,695	7,140	12,413	30,175	17,762	321	
.70 to .79.....			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
INDUSTRY 3493.--STEEL SPRINGS													
Total.....	90	6,758	35,607	5,242	9,978	25,499	54,135	120,525	66,390	1,721			
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)			
.10 to .19.....	}	21	360	1,751	267	495	1,273	4,604	7,816	3,212	273		
.20 to .29.....		}	22	1,274	6,676	933	1,815	4,320	12,327	27,378	15,051	395	
.30 to .39.....			}	17	2,844	14,958	2,261	4,281	11,043	22,476	48,552	26,076	732
.40 to .49.....				}	16	1,809	9,857	1,410	2,695	7,140	12,413	30,175	17,762
.50 to .59.....	(*)				(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.60 to .69.....	(*)	(*)			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.70 to .79.....	(*)	(*)	(*)		(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)			
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)			
INDUSTRY 3494.--VALVES AND PIPE FITTINGS													
Total.....	590	76,844	410,225	55,930	110,634	269,608	732,618	1,263,960	531,342	34,108			
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)			
.10 to .19.....	16	404	1,839	279	592	1,110	11,826	15,144	3,318	989			
.20 to .29.....	36	983	4,620	685	1,251	2,896	17,890	29,138	11,248	1,043			
.30 to .39.....	59	7,266	38,372	5,084	10,166	24,320	108,880	185,404	76,524	5,018			
.40 to .49.....	111	13,769	71,024	9,997	19,685	45,797	155,713	254,259	98,546	5,578			
.50 to .59.....	119	18,252	99,187	13,031	25,727	61,640	176,632	293,614	116,982	8,515			
.60 to .69.....	91	14,639	78,109	10,840	22,862	52,344	123,705	196,463	72,758	5,519			
.70 to .79.....	61	8,424	47,127	6,144	11,743	31,630	62,792	119,531	56,739	2,328			
.80 to .89.....	31	8,814	48,945	6,685	12,353	34,664	60,049	110,815	50,766	3,488			
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)			

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)
		Total	Payroll	Total	Man-hours	Wages				
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)				
INDUSTRY 3496.--COLLAPSIBLE TUBES										
Total.....	24	3,984	18,804	3,540	6,923	14,771	30,562	51,027	20,396	1,925
Below .10.....	13	2,072	10,004	1,844	3,646	8,088	19,104	31,960	12,794	1,278
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	11	1,912	8,800	1,696	3,277	6,683	11,458	19,067	7,602	647
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	11	1,912	8,800	1,696	3,277	6,683	11,458	19,067	7,602	647
.90 and above.....										
INDUSTRY 3497.--METAL FOIL AND LEAF										
Total.....	67	4,981	32,438	3,733	7,831	21,775	63,486	180,567	117,887	6,410
Below .10.....	32	2,383	15,418	1,778	3,767	10,155	38,861	98,506	60,512	3,404
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	10	733	4,605	501	1,064	2,730	8,092	31,610	23,776	826
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	11	889	6,510	640	1,303	4,183	8,475	21,582	12,534	569
.90 and above.....										
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3498.--FABRICATED PIPE AND FITTINGS										
Total.....	349	13,007	79,087	9,346	18,733	51,671	144,598	305,640	161,499	5,099
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	42	1,175	5,756	742	1,416	3,395	24,217	37,257	13,897	336
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	63	2,611	16,385	1,722	3,468	9,248	29,263	55,587	26,858	1,188
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	23	649	4,497	482	954	3,004	5,215	13,046	7,804	89
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3499.--FABRICATED METAL PRODUCTS, N.E.C.										
Total.....	1,277	28,302	151,919	22,209	45,673	105,063	299,326	573,185	276,264	16,189
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	37	355	2,227	296	658	1,843	16,135	36,599	20,432	360
.20 to .29.....	99	1,169	5,743	934	1,876	3,945	22,092	39,693	18,958	578
.30 to .39.....	141	3,287	16,815	2,578	5,107	11,736	47,202	88,253	41,169	2,096
.40 to .49.....	210	5,034	25,029	4,009	8,288	17,645	54,922	102,922	48,425	2,471
.50 to .59.....	229	5,987	32,047	4,618	9,453	22,293	57,673	112,798	54,952	2,107
.60 to .69.....	165	5,798	32,808	4,574	9,676	22,689	50,674	88,730	38,300	3,631
.70 to .79.....	100	3,211	18,158	2,491	5,012	12,334	24,558	45,192	20,872	984
.80 to .89.....	70	1,378	7,842	1,054	2,155	5,075	9,331	19,381	10,151	642
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3511.--STEAM ENGINES AND TURBINES										
Total.....	22	30,917	237,519	19,894	38,933	141,738	379,875	616,416	242,730	19,394
Below .10.....	22	30,917	237,519	19,894	38,933	141,738	379,875	616,416	242,730	19,394
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	22	30,917	237,519	19,894	38,933	141,738	379,875	616,416	242,730	19,394
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	22	30,917	237,519	19,894	38,933	141,738	379,875	616,416	242,730	19,394
.90 and above.....										

See footnotes at end of table.

**General Statistics for Establishments Classified by Ratio of Payroll to Value Added
by Manufacture—Continued**

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (1,000)	Value of shipments ² (1,000)	Cost of materials ³ (1,000)	Capital expenditures, new (1,000)	
		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)					
INDUSTRY 3496.--COLLAPSIBLE TUBES											
Total.....	22	3,837	16,118	3,367	6,852	12,453	25,257	44,700	19,443	1,572	
Below .10.....	}	10	1,524	6,275	1,342	2,685	4,950	12,107	20,181	8,074	989
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....	}	12	2,313	9,843	2,025	4,167	7,503	13,150	24,519	11,369	583
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....	}	12	2,313	9,843	2,025	4,167	7,503	13,150	24,519	11,369	583
.90 and above.....											
INDUSTRY 3497.--METAL FOIL AND LEAF											
Total.....	66	3,500	18,709	2,522	5,149	12,118	38,063	96,438	58,375	3,296	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	15	226	1,060	160	325	738	5,391	11,767	6,376	208
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....	}	10	496	2,601	342	682	1,548	7,710	16,518	8,808	310
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....	}	18	1,305	7,410	923	1,987	4,687	11,924	30,098	18,174	1,845
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3498.--FABRICATED PIPE AND FITTINGS											
Total.....	286	15,214	84,015	11,139	22,238	55,347	155,621	329,979	174,358	4,103	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	24	759	4,121	530	1,079	2,475	19,543	25,204	5,661	155
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....	}	30	2,066	11,370	1,406	2,783	7,452	33,724	63,908	30,184	601
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....	}	36	1,377	7,252	1,051	2,051	4,943	16,511	31,187	14,676	651
	}	58	3,927	20,459	3,185	6,326	14,872	38,137	71,220	33,083	857
	}	46	3,008	16,496	2,130	4,196	10,109	25,374	59,714	34,340	747
	}	27	1,623	10,542	1,258	2,537	7,592	13,955	34,201	20,246	443
	}	20	594	3,136	410	859	1,944	3,687	11,359	7,672	108
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3499.--FABRICATED METAL PRODUCTS, N.E.C.											
Total.....	974	20,200	93,199	15,600	29,845	62,747	180,132	340,096	159,964	11,362	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	44	346	1,470	306	591	1,278	11,707	22,608	10,901	2,981
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....	}	86	562	2,024	474	869	1,559	8,272	13,719	5,447	301
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....	}	93	2,440	10,903	1,966	3,836	7,728	30,332	50,825	20,493	1,706
	}	109	3,715	18,116	2,602	4,871	11,185	39,280	77,127	37,847	1,394
	}	142	3,507	16,713	2,762	5,356	11,607	31,052	57,717	26,665	1,925
	}	112	4,160	19,513	3,196	6,493	13,428	30,533	54,632	24,099	1,436
	}	77	2,824	13,566	2,242	4,333	8,838	18,144	35,985	17,841	357
	}	35	772	3,581	605	1,162	2,488	4,321	8,381	4,060	147
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3511.--STEAM ENGINES AND TURBINES											
Total.....	28	45,347	274,589	29,319	57,791	172,091	568,643	961,769	393,126	20,492	
Below .10.....	}	16	38,733	234,310	25,164	49,144	149,441	514,430	821,887	307,457	17,400
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....	}	12	6,614	40,279	4,155	8,647	22,650	54,213	139,882	85,669	3,092
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....	}	12	6,614	40,279	4,155	8,647	22,650	54,213	139,882	85,669	3,092
.90 and above.....											

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 3519.--INTERNAL COMBUSTION ENGINES										
Total.....	143	55,687	371,800	41,754	84,996	260,005	733,628	1,473,574	745,760	34,751
Below .10.....	53	24,535	165,778	18,889	38,429	116,561	436,844	809,547	380,466	20,142
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	23	10,323	68,645	7,507	15,709	46,383	125,420	237,296	116,346	7,411
.60 to .69.....	13	7,273	48,243	5,112	9,950	32,780	74,812	175,911	96,284	1,071
.70 to .79.....	11	2,057	12,304	1,529	3,023	8,553	16,990	30,325	13,840	785
.80 to .89.....	10	10,096	68,402	7,702	15,772	50,008	79,698	203,235	127,511	5,147
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3522.--FARM MACHINERY AND EQUIPMENT										
Total.....	1,568	112,614	689,122	84,650	168,911	476,827	1,328,381	2,842,243	1,536,761	64,431
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	47	723	3,441	589	1,223	2,748	23,275	41,115	18,279	374
.20 to .29.....	106	2,779	13,680	2,279	5,049	9,147	52,377	99,049	50,494	1,658
.30 to .39.....	171	8,982	50,821	6,516	13,019	31,101	142,803	254,461	117,139	5,393
.40 to .49.....	209	25,377	161,292	18,734	36,557	110,289	359,887	672,178	321,604	13,239
.50 to .59.....	333	29,709	186,825	22,553	43,995	130,611	338,976	707,046	371,727	17,470
.60 to .69.....	182	17,377	105,630	12,439	25,282	70,780	164,984	396,144	231,043	13,590
.70 to .79.....	102	7,213	39,019	5,753	11,971	28,574	51,559	131,558	80,085	2,057
.80 to .89.....	54	10,837	70,704	8,668	16,868	53,423	85,179	250,695	169,198	2,531
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3531.--CONSTRUCTION MACHINERY										
Total.....	617	104,520	683,728	76,526	155,267	462,411	1,301,266	2,696,039	1,403,162	56,227
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	29	3,569	20,811	2,671	5,543	14,927	89,417	155,219	70,098	2,383
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....										
.60 to .69.....	64	22,573	154,479	17,403	35,469	110,947	401,746	711,511	320,573	12,328
.70 to .79.....	81	15,545	104,027	11,082	22,562	65,289	228,046	463,934	238,129	10,962
.80 to .89.....	93	17,947	118,850	13,464	27,226	82,367	216,448	431,951	223,269	8,434
.90 and above.....	133	15,207	97,034	10,810	21,802	64,168	150,769	333,482	183,912	7,721
	54	15,169	93,700	10,740	21,566	61,205	126,665	330,151	199,881	6,399
	19	1,723	10,893	1,385	3,176	8,358	12,793	41,904	27,165	436
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3532.--MINING MACHINERY AND EQUIPMENT										
Total.....	204	16,910	109,531	11,814	23,289	67,669	215,406	417,616	203,786	6,847
Below .10.....	15	1,247	7,672	948	1,922	5,367	31,820	45,647	15,295	689
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	21	1,648	10,906	1,209	2,493	7,166	31,953	58,784	27,411	1,111
.60 to .69.....	27	3,297	22,768	2,354	4,457	14,057	47,915	88,469	37,445	1,365
.70 to .79.....	45	4,467	29,509	3,008	6,036	17,345	53,981	100,950	51,053	2,093
.80 to .89.....	26	1,899	11,814	1,278	2,457	6,853	17,970	35,772	17,569	722
.90 and above.....	21	2,127	13,356	1,365	2,743	7,877	17,886	50,473	31,718	532
	10	1,468	8,631	1,146	2,202	6,092	10,099	23,937	13,751	279
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3533.--OIL FIELD MACHINERY										
Total.....	408	29,203	184,288	20,114	41,409	113,526	398,152	666,532	264,350	11,321
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	17	866	5,101	704	1,425	4,005	29,587	37,466	9,465	348
.20 to .29.....	26	2,005	11,240	1,473	3,110	7,730	42,282	64,519	21,164	1,104
.30 to .39.....	52	5,996	38,945	4,151	8,138	22,749	107,893	155,354	47,283	2,625
.40 to .49.....	63	3,356	22,689	2,349	5,048	14,328	51,608	77,975	28,551	1,834
.50 to .59.....	69	7,012	44,344	4,234	8,931	24,472	82,882	150,211	65,343	2,142
.60 to .69.....	41	4,241	26,238	3,016	5,859	16,333	41,550	82,061	38,258	1,048
.70 to .79.....	26	1,930	11,470	1,407	2,969	7,217	15,129	30,772	14,672	919
.80 to .89.....	19	2,430	14,742	1,770	3,747	9,642	17,620	35,471	17,514	767
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)
		Total	Payroll	Total	Man-hours	Wages				
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)				
INDUSTRY 3519.--INTERNAL COMBUSTION ENGINES										
Total.....	113	52,004	286,816	42,607	72,564	190,997	520,443	1,085,808	565,365	50,628
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	32	17,821	98,496	13,187	26,039	66,492	231,641	460,094	228,453	26,117
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	24	8,856	49,001	6,109	11,298	31,259	87,170	183,814	96,644	8,058
.60 to .69.....	19	12,703	68,992	8,724	17,389	44,965	106,607	221,960	115,353	3,360
.70 to .79.....	12	10,276	58,243	13,217	15,167	41,447	79,218	193,636	114,418	11,313
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3522.--FARM MACHINERY AND EQUIPMENT										
Total.....	1,469	108,586	550,998	79,922	153,962	373,240	1,087,836	2,421,873	1,334,037	54,655
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	59	1,043	3,099	813	1,249	2,142	21,067	46,922	25,855	358
.20 to .29.....	124	6,192	31,871	4,091	8,419	19,205	124,288	263,358	139,070	3,927
.30 to .39.....	163	10,099	50,627	7,638	15,326	34,839	142,784	319,405	176,621	7,333
.40 to .49.....	218	26,522	139,157	19,784	37,965	98,516	301,500	589,098	287,598	9,145
.50 to .59.....	214	26,712	139,958	19,488	37,194	93,117	258,347	544,045	285,698	16,130
.60 to .69.....	160	14,639	74,114	10,884	20,851	48,992	115,258	261,313	146,055	3,612
.70 to .79.....	110	4,839	23,290	3,583	7,418	15,240	31,129	71,254	40,125	2,458
.80 to .89.....	63	9,009	44,623	6,845	12,540	31,365	54,266	124,954	70,688	7,779
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3531.--CONSTRUCTION MACHINERY										
Total.....	579	95,304	496,751	66,510	124,622	310,252	1,022,801	2,107,352	1,084,551	45,377
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	19	1,311	6,007	758	1,351	3,087	32,111	44,274	12,163	179
.20 to .29.....	48	16,320	77,238	12,945	21,407	55,260	306,833	456,779	149,946	11,007
.30 to .39.....	63	7,586	38,587	5,506	10,673	26,338	108,180	209,506	101,326	4,884
.40 to .49.....	75	13,555	71,189	9,369	17,238	43,419	152,533	337,984	185,451	11,760
.50 to .59.....	96	16,521	88,631	10,899	21,775	52,277	160,157	378,410	218,253	4,211
.60 to .69.....	81	15,563	83,982	10,553	20,482	51,101	132,274	281,721	149,447	4,422
.70 to .79.....	54	3,961	20,726	2,831	5,655	13,027	28,049	67,217	39,168	1,898
.80 to .89.....	36	7,087	38,756	4,918	9,604	24,447	46,415	110,241	63,826	2,211
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3532.--MINING MACHINERY AND EQUIPMENT										
Total.....	173	17,808	96,966	11,661	22,578	56,423	165,831	342,035	176,204	6,507
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	15	390	1,964	317	615	1,419	8,541	12,982	4,441	186
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	20	1,679	8,759	1,142	2,251	5,570	26,971	43,193	16,222	1,016
.60 to .69.....	20	2,655	12,991	1,728	3,255	7,812	29,911	55,663	25,752	1,072
.70 to .79.....	30	1,425	8,496	1,041	2,227	5,130	15,585	31,108	15,523	363
.80 to .89.....	30	4,792	25,914	2,910	5,355	13,852	39,604	77,185	37,581	1,698
.90 and above.....	15	1,851	11,568	1,057	2,126	5,548	15,918	38,713	22,795	420
	11	2,203	12,137	1,409	2,646	7,271	14,330	31,046	16,716	499
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3533.--OIL FIELD MACHINERY										
Total.....	389	31,878	174,692	20,724	41,215	101,916	336,788	585,268	248,480	18,341
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	16	165	658	135	247	552	4,624	6,828	2,204	209
.20 to .29.....	29	857	4,381	597	1,108	2,538	17,932	29,958	12,026	633
.30 to .39.....	40	6,606	38,918	4,185	8,139	21,974	116,118	153,927	37,809	3,236
.40 to .49.....	56	3,622	19,576	2,266	4,508	10,589	43,043	72,220	29,177	5,260
.50 to .59.....	68	4,522	24,781	2,800	5,560	13,310	45,774	92,554	46,780	2,988
.60 to .69.....	46	6,018	33,169	4,045	7,917	20,866	51,414	91,373	39,959	3,796
.70 to .79.....	35	2,823	15,355	1,951	3,977	9,517	20,986	42,156	21,170	457
.80 to .89.....	23	1,846	10,014	1,535	2,770	7,802	11,603	26,842	15,239	152
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new			
		Total	Payroll	Total	Man-hours	Wages							
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)			
INDUSTRY 3534.--ELEVATORS AND MOVING STAIRWAYS													
Total.....	142	12,393	88,389	7,427	15,458	49,634	201,527	318,616	114,684	3,315			
Below .10.....	}	14	1,926	15,228	1,190	2,597	8,727	86,817	104,708	18,995	747		
.10 to .19.....		}	36	1,033	6,393	681	1,374	3,885	15,208	25,176	10,957	245	
.20 to .29.....			26	4,080	28,990	2,538	5,311	17,152	55,130	96,804	38,458	1,051	
.30 to .39.....			20	1,256	9,648	736	1,534	4,906	14,273	25,280	11,528	233	
.40 to .49.....			}	21	1,308	9,003	755	1,503	4,515	12,076	23,408	11,554	527
.50 to .59.....	(*)			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.60 to .69.....													
.70 to .79.....													
.80 to .89.....													
.90 and above.....													
INDUSTRY 3535.--CONVEYORS													
Total.....	454	20,778	140,617	12,642	26,312	74,020	270,475	494,632	231,080	6,125			
Below .10.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....		}	30	1,033	5,746	712	1,528	3,472	26,519	40,989	16,193	668	
.20 to .29.....			48	2,150	13,673	1,329	2,764	7,079	38,921	65,448	27,811	1,103	
.30 to .39.....			63	4,021	25,600	2,410	5,036	13,753	56,144	97,308	42,517	841	
.40 to .49.....			99	6,173	42,750	3,563	7,286	20,654	79,064	142,296	64,863	1,650	
.50 to .59.....	64		3,107	20,954	2,041	4,331	12,565	32,744	63,897	31,328	654		
.60 to .69.....	}	47	1,812	14,373	1,182	2,466	8,088	19,247	38,551	19,545	436		
.70 to .79.....		19	1,177	9,014	647	1,366	4,219	10,846	21,734	11,687	461		
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.90 and above.....													
INDUSTRY 3536.--HOISTS, CRANES, AND MONORAILS													
Total.....	120	9,585	64,301	6,776	13,980	41,433	112,327	220,015	110,949	2,644			
Below .10.....	}	29	1,944	11,240	1,379	2,777	7,409	28,938	52,033	24,605	703		
.10 to .19.....		}	29	3,960	27,730	2,757	5,982	17,669	51,117	90,531	41,361	1,111	
.20 to .29.....			20	793	5,693	584	1,174	3,869	8,742	18,040	9,511	305	
.30 to .39.....			}	19	2,221	15,064	1,562	3,111	9,679	20,020	47,847	28,395	296
.40 to .49.....				(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.50 to .59.....													
.60 to .69.....													
.70 to .79.....													
.80 to .89.....													
.90 and above.....													
INDUSTRY 3537.--INDUSTRIAL TRUCKS AND TRACTORS													
Total.....	314	17,570	110,444	11,454	23,815	64,476	233,116	446,957	215,499	6,696			
Below .10.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....		}	23	1,062	6,077	716	1,425	3,507	23,567	34,370	11,306	810	
.20 to .29.....			35	4,026	26,170	2,555	5,259	15,570	73,372	142,433	70,304	1,821	
.30 to .39.....			49	2,411	13,485	1,787	3,608	9,037	29,986	56,440	26,377	1,095	
.40 to .49.....			84	6,047	40,676	3,721	7,926	22,665	73,142	136,163	65,537	2,230	
.50 to .59.....	30		2,080	12,677	1,338	2,860	6,809	19,972	41,692	21,865	308		
.60 to .69.....	}	16	1,110	7,162	686	1,389	3,893	9,790	24,022	12,204	208		
.70 to .79.....		12	205	942	171	355	711	1,108	2,599	1,486	50		
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.90 and above.....													
INDUSTRY 3541.--METAL-CUTTING MACHINE TOOLS													
Total.....	801	61,058	438,222	41,008	86,486	272,243	699,341	1,060,818	381,566	28,837			
Below .10.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....		}	53	584	3,548	346	676	1,753	16,602	20,160	3,522	275	
.20 to .29.....			54	1,607	10,151	1,257	2,605	7,232	28,840	38,757	12,029	740	
.30 to .39.....			79	5,115	36,386	3,864	8,245	25,817	80,115	123,526	45,115	3,821	
.40 to .49.....			170	14,602	106,573	9,833	21,107	65,862	190,820	275,798	93,658	8,295	
.50 to .59.....	142		21,864	159,437	13,899	28,785	97,035	244,576	368,087	129,453	10,393		
.60 to .69.....	}	86	7,961	57,139	5,433	11,911	34,646	77,029	118,057	42,672	1,845		
.70 to .79.....		54	3,547	23,570	2,465	5,397	14,363	27,541	47,751	21,350	1,910		
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.90 and above.....													

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 3534.--ELEVATORS AND MOVING STAIRWAYS										
Total.....	144	9,626	55,657	5,868	11,764	31,156	126,270	192,806	66,536	2,321
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	15	2,071	12,112	1,189	2,354	6,448	63,799	77,182	13,383	888
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	21	380	1,628	264	431	1,071	4,093	6,466	2,373	158
.60 to .69.....	14	1,248	7,157	801	1,726	4,059	12,616	21,992	9,376	568
.70 to .79.....	32	1,617	9,056	1,134	2,232	5,820	13,885	26,377	12,492	203
.80 to .89.....	35	3,617	22,028	2,021	4,250	11,703	28,936	52,492	23,556	380
.90 and above.....										
(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3535.--CONVEYORS										
Total.....	420	20,789	119,431	12,698	25,584	62,578	192,892	385,714	192,822	7,197
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	32	666	3,338	549	1,159	2,557	14,900	25,860	10,960	333
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	31	313	1,647	214	393	993	4,600	7,200	2,600	172
.60 to .69.....	36	3,448	19,110	1,812	3,833	9,208	42,900	82,809	39,909	1,160
.70 to .79.....	75	4,700	25,922	2,976	6,209	14,181	47,334	84,540	37,206	1,855
.80 to .89.....	62	3,316	19,899	2,111	4,184	10,212	30,587	57,071	26,484	1,098
.90 and above.....	49	2,728	16,690	1,486	2,859	7,336	22,628	48,742	26,114	473
(*)	33	1,265	6,955	835	1,590	3,896	8,371	18,179	9,808	120
(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3536.--HOISTS, CRANES, AND MONORAILS										
Total.....	81	9,520	53,566	6,555	12,988	32,840	92,759	184,722	91,963	5,056
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	24	3,215	17,245	2,178	4,378	11,463	38,508	71,022	32,514	2,091
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	18	2,404	13,394	1,653	3,216	7,928	24,282	44,225	19,943	1,896
.60 to .69.....	13	1,177	6,837	837	1,508	3,786	10,387	21,109	10,722	364
.70 to .79.....	15	2,177	13,149	1,540	3,221	8,062	17,117	41,465	24,348	558
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3537.--INDUSTRIAL TRUCKS AND TRACTORS										
Total.....	262	14,786	76,200	9,545	18,121	42,982	117,500	269,328	151,828	3,344
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	12	69	291	62	113	250	1,767	2,386	619	25
.20 to .29.....	13	75	295	58	115	184	1,201	2,144	943	58
.30 to .39.....	21	296	1,160	232	444	773	3,259	5,160	1,901	177
.40 to .49.....	35	1,432	6,976	1,023	2,025	4,653	15,309	26,657	11,348	241
.50 to .59.....	40	4,630	24,059	2,774	5,277	13,059	42,239	75,571	33,332	774
.60 to .69.....	50	4,248	22,647	2,800	5,035	11,863	35,483	92,122	56,639	877
.70 to .79.....	16	497	2,157	371	660	1,475	2,923	7,401	4,478	84
.80 to .89.....	16	1,117	5,887	705	1,451	3,359	6,927	15,736	8,809	189
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3541.--METAL-CUTTING MACHINE TOOLS										
Total.....	627	52,864	300,344	36,154	69,616	182,171	420,961	679,836	258,875	18,840
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	24	117	436	100	188	319	2,502	3,210	708	683
.20 to .29.....	41	141	605	112	183	445	2,257	2,855	598	149
.30 to .39.....	44	1,095	5,156	836	1,616	3,606	14,153	20,463	6,310	619
.40 to .49.....	66	4,394	24,054	2,708	5,000	13,436	54,926	75,470	20,544	2,156
.50 to .59.....	79	4,715	28,188	3,177	6,204	17,139	51,278	80,695	29,417	2,126
.60 to .69.....	104	9,161	53,846	6,445	12,621	33,713	81,724	122,051	40,327	2,305
.70 to .79.....	70	15,651	87,932	10,595	20,874	51,992	117,208	188,296	71,088	6,489
.80 to .89.....	44	6,597	39,017	4,804	9,096	25,452	46,573	70,738	24,165	1,453
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 3542.--METAL-FORMING MACHINE TOOLS											
Total.....	366	22,078	161,669	15,782	34,633	107,381	281,287	441,419	165,376	10,792	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	27	277	1,533	219	454	1,147	6,879	9,228	2,420	141
.20 to .29.....		30	1,520	10,632	1,101	2,466	6,581	29,119	45,071	16,038	1,135
.30 to .39.....		49	3,034	21,322	2,175	4,799	13,556	47,395	72,686	26,882	2,198
.40 to .49.....		85	7,170	51,649	5,076	10,916	34,147	94,477	139,818	48,201	4,522
.50 to .59.....		57	4,749	37,749	3,540	7,948	26,178	59,181	90,929	34,867	1,030
.60 to .69.....		36	1,629	11,496	1,138	2,497	7,378	15,536	24,418	9,618	419
.70 to .79.....		22	2,470	18,697	1,807	3,913	13,034	21,824	40,954	18,782	1,062
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3544.--SPECIAL DIES AND TOOLS											
Total.....	5,896	90,860	682,739	76,002	169,313	543,033	1,029,338	1,388,794	373,320	53,343	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	138	289	1,293	266	531	1,209	8,206	10,578	2,394	497	
.20 to .29.....	257	1,237	6,372	1,053	2,071	5,300	25,063	31,682	7,504	1,308	
.30 to .39.....	347	1,979	11,805	1,614	3,367	9,493	33,291	41,533	8,750	1,708	
.40 to .49.....	535	6,689	47,604	5,452	11,853	36,977	105,859	132,151	26,547	4,922	
.50 to .59.....	1,202	16,182	107,683	13,607	29,386	87,625	192,530	255,656	65,300	12,565	
.60 to .69.....	1,081	21,877	170,825	18,240	41,593	134,615	262,385	354,215	96,411	13,400	
.70 to .79.....	848	20,289	162,797	17,149	39,119	129,559	219,187	292,783	78,128	8,988	
.80 to .89.....	431	11,357	94,402	9,549	21,373	75,350	112,543	156,872	45,324	4,709	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3545.--MACHINE TOOL ACCESSORIES											
Total.....	1,038	46,994	312,799	34,560	72,037	208,086	559,258	787,338	234,501	22,784	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	20	142	503	107	151	321	2,785	3,273	630	79	
.20 to .29.....	54	618	2,974	507	1,097	2,357	11,244	15,621	5,069	744	
.30 to .39.....	69	4,650	32,042	3,322	6,877	19,449	84,278	116,125	31,314	3,300	
.40 to .49.....	125	6,376	39,902	4,550	9,242	25,270	86,240	117,709	34,732	4,250	
.50 to .59.....	283	14,589	98,068	11,140	23,448	69,631	177,220	242,795	65,811	6,264	
.60 to .69.....	194	12,252	82,219	9,063	18,944	54,617	126,396	177,019	52,158	4,489	
.70 to .79.....	89	5,089	34,632	3,432	7,063	20,856	47,287	73,930	27,929	2,282	
.80 to .89.....	43	1,407	10,198	1,002	2,168	7,156	12,352	18,345	6,294	423	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3548.--METALWORKING MACHINERY, N.E.C.											
Total.....	435	38,012	246,242	28,257	57,094	161,837	468,435	796,327	328,357	20,957	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	10	82	400	70	133	314	2,482	4,192	2,314	288	
.20 to .29.....	29	1,688	9,307	1,347	2,553	6,105	31,800	44,931	13,467	477	
.30 to .39.....	61	5,962	37,900	4,456	9,123	25,555	104,858	152,700	47,467	2,340	
.40 to .49.....	69	8,460	51,629	5,988	11,947	32,071	116,284	190,040	73,174	4,434	
.50 to .59.....	99	7,772	47,198	5,854	11,728	30,916	82,997	143,472	64,785	4,156	
.60 to .69.....	41	3,222	22,029	2,235	4,581	12,657	34,652	66,946	31,785	964	
.70 to .79.....	41	6,161	45,275	4,557	9,144	29,347	62,736	111,315	46,550	5,987	
.80 to .89.....	15	2,713	18,888	2,270	4,816	15,366	22,643	47,875	24,244	1,607	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3551.--FOOD PRODUCTS MACHINERY											
Total.....	681	31,684	205,368	21,018	43,276	118,036	380,406	640,507	255,278	11,031	
Below .10.....	18	144	844	101	214	554	6,308	7,982	1,602	65	
.10 to .19.....	33	1,525	11,892	1,038	1,886	5,779	45,415	61,264	13,024	568	
.20 to .29.....	53	1,556	10,651	1,049	2,387	6,496	29,590	47,344	18,628	825	
.30 to .39.....	93	6,546	42,167	4,298	8,528	24,592	90,229	139,872	49,768	2,013	
.40 to .49.....	157	9,616	62,930	6,282	13,450	35,493	113,610	190,978	77,623	3,234	
.50 to .59.....	87	4,663	29,713	2,965	5,948	15,570	45,490	76,213	30,339	1,665	
.60 to .69.....	72	3,249	20,072	2,235	4,523	12,405	26,759	55,250	27,725	601	
.70 to .79.....	38	1,575	10,330	1,068	2,221	6,218	12,324	25,168	11,731	1,388	
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)
		Total	Payroll	Total	Man-hours	Wages				
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)				
INDUSTRY 3542.--METAL-FORMING MACHINE TOOLS										
Total.....	291	22,502	132,368	15,572	30,905	82,192	176,021	317,657	141,636	11,723
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	18	69	222	60	99	189	912	1,282	370	136
.20 to .29.....	14	207	1,018	162	338	761	3,065	5,444	2,379	130
.30 to .39.....	27	1,278	7,586	895	1,900	4,560	16,609	23,404	6,795	1,106
.40 to .49.....	44	1,777	10,797	1,291	2,689	6,846	20,075	28,970	8,895	1,861
.50 to .59.....	42	4,224	23,174	3,022	6,045	15,509	35,586	58,952	23,366	2,297
.60 to .69.....	44	3,618	20,589	2,627	5,112	13,343	27,193	50,521	23,328	3,610
.70 to .79.....	38	5,404	34,170	3,660	7,134	20,127	40,541	78,685	38,144	1,032
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3544.--SPECIAL DIES AND TOOLS										
Total.....	5,745	83,308	536,588	68,916	139,877	415,241	780,090	1,060,566	280,476	43,242
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	192	454	1,089	390	623	894	7,127	9,509	2,382	990
.20 to .29.....	302	967	3,569	864	1,505	2,830	13,567	18,342	4,775	935
.30 to .39.....	465	2,761	14,163	2,360	4,340	11,640	39,203	50,360	11,157	2,486
.40 to .49.....	613	4,887	26,455	4,106	7,819	21,598	58,941	76,772	17,831	4,034
.50 to .59.....	770	11,025	65,632	9,246	18,202	52,892	120,373	157,782	37,409	5,463
.60 to .69.....	823	15,074	101,110	12,405	25,706	77,836	154,405	198,726	44,321	6,408
.70 to .79.....	861	21,419	143,899	17,777	37,075	110,823	192,609	256,768	64,159	8,556
.80 to .89.....	568	13,507	94,956	11,165	23,545	73,346	112,059	151,346	39,287	7,697
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3545.--MACHINE TOOL ACCESSORIES										
Total.....	905	41,521	226,949	29,304	56,299	143,663	348,580	511,456	162,876	15,277
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	28	77	181	67	115	154	1,113	1,664	551	100
.20 to .29.....	40	165	614	139	230	520	2,409	3,023	614	220
.30 to .39.....	62	833	3,477	640	1,198	2,472	9,987	14,224	4,237	505
.40 to .49.....	95	3,768	20,326	2,510	4,755	12,006	44,484	61,651	17,167	1,559
.50 to .59.....	137	9,884	52,519	7,065	13,663	33,837	94,735	128,474	33,739	4,014
.60 to .69.....	153	9,969	54,106	7,210	14,132	35,326	82,960	117,449	34,489	3,422
.70 to .79.....	137	8,909	49,831	6,303	11,856	31,115	65,776	100,272	34,496	2,932
.80 to .89.....	69	2,168	12,448	1,516	2,911	7,886	14,984	26,388	11,404	515
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3548.--METALWORKING MACHINERY, N.E.C.										
Total.....	362	33,328	183,307	24,384	46,915	120,444	332,397	602,015	269,618	16,634
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	18	182	735	156	275	551	4,294	6,904	2,610	345
.20 to .29.....	24	1,424	6,374	1,040	1,817	4,072	23,487	29,393	5,906	505
.30 to .39.....	31	1,551	7,497	1,097	2,092	4,268	20,605	29,106	8,501	461
.40 to .49.....	52	7,887	41,581	5,935	11,663	29,688	93,129	169,470	76,341	2,564
.50 to .59.....	70	10,074	55,524	7,045	13,705	33,192	101,757	180,849	79,092	8,238
.60 to .69.....	58	4,066	22,764	2,740	5,342	13,779	35,025	64,792	29,767	1,200
.70 to .79.....	22	912	5,014	602	1,137	2,732	6,862	15,448	8,586	510
.80 to .89.....	21	1,822	9,758	1,409	2,405	6,929	11,820	27,089	15,269	541
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3551.--FOOD PRODUCTS MACHINERY										
Total.....	672	27,715	152,515	18,195	36,304	86,824	268,639	456,171	187,532	7,801
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	23	148	681	78	126	291	3,924	5,350	1,426	48
.20 to .29.....	54	1,156	7,492	759	1,351	3,453	29,701	44,630	14,929	245
.30 to .39.....	57	1,766	9,063	1,294	2,505	5,984	25,145	40,957	15,812	826
.40 to .49.....	72	2,774	15,064	1,841	3,879	8,480	33,210	55,148	21,938	947
.50 to .59.....	104	6,241	34,728	4,102	8,187	19,710	63,931	98,665	34,734	708
.60 to .69.....	114	8,087	43,784	5,059	10,002	24,307	67,287	111,074	43,787	2,690
.70 to .79.....	56	1,414	7,160	1,005	2,053	4,743	9,538	16,566	7,028	213
.80 to .89.....	53	3,322	19,418	2,170	4,457	10,768	22,505	44,676	22,171	858
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)
		Total	Payroll	Total	Man-hours	Wages				
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)				
INDUSTRY 3552.--TEXTILE MACHINERY										
Total.....	561	36,004	196,379	26,870	56,145	129,064	314,190	542,684	232,271	13,870
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	21	201	853	145	326	595	3,566	4,675	1,393
.20 to .29.....		46	1,882	9,479	1,408	3,015	6,101	27,072	38,517	13,463
.30 to .39.....		65	4,388	22,609	3,209	7,054	14,263	47,905	75,538	29,941
.40 to .49.....		125	6,139	31,916	4,543	9,305	20,020	57,775	98,071	40,768
.50 to .59.....		99	9,647	54,534	7,347	15,193	36,697	84,819	155,624	71,450
.60 to .69.....		70	7,902	45,026	5,719	11,955	29,279	59,308	108,614	47,900
.70 to .79.....		32	4,232	23,144	3,357	6,957	17,024	26,673	37,794	12,735
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....										
INDUSTRY 3553.--WOODWORKING MACHINERY										
Total.....	249	12,057	72,928	8,725	17,662	45,877	146,998	252,762	110,061	4,720
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	19	897	5,086	664	1,328	3,041	19,909	28,386	8,582
.20 to .29.....		15	244	1,469	181	358	1,023	3,980	6,530	2,795
.30 to .39.....		40	2,035	11,768	1,541	2,984	8,041	26,705	44,556	17,823
.40 to .49.....		42	1,423	9,037	1,030	2,142	5,950	16,714	31,436	14,502
.50 to .59.....		33	4,846	29,940	3,569	7,532	18,958	46,739	84,113	40,806
.60 to .69.....		26	881	5,248	628	1,302	3,274	6,897	13,391	6,411
.70 to .79.....		18	155	884	122	246	669	1,032	2,652	1,534
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....										
INDUSTRY 3554.--PAPER INDUSTRIES MACHINERY										
Total.....	217	18,605	130,614	12,914	27,233	82,299	217,475	403,925	196,467	10,349
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	51	2,236	15,364	1,310	2,746	7,484	37,093	57,009	24,850
.20 to .29.....										
.30 to .39.....		43	5,389	38,262	3,575	8,042	22,390	69,005	116,805	48,609
.40 to .49.....		44	7,214	50,689	5,614	11,268	36,925	79,027	162,076	88,532
.50 to .59.....		31	2,405	17,647	1,539	3,358	10,180	23,810	49,847	25,406
.60 to .69.....		14	467	2,976	309	637	1,798	3,509	7,517	3,774
.70 to .79.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....										
.90 and above.....										
INDUSTRY 3555.--PRINTING TRADES MACHINERY										
Total.....	490	22,952	159,407	16,437	34,269	104,446	285,879	448,398	170,723	8,911
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	12	155	1,123	98	200	581	7,237	10,109	3,100	141
.20 to .29.....	28	453	3,056	339	744	2,124	11,043	16,565	5,568	349
.30 to .39.....	49	2,039	12,369	1,609	3,193	9,070	35,664	48,507	14,256	887
.40 to .49.....	92	3,901	26,159	2,918	5,822	18,040	59,302	89,458	31,707	1,579
.50 to .59.....	79	4,716	34,116	2,978	6,391	18,963	62,233	100,175	43,200	1,979
.60 to .69.....	67	4,881	33,473	3,320	6,854	20,008	52,050	77,447	26,997	1,044
.70 to .79.....	49	3,140	22,105	2,452	5,199	15,846	30,017	47,614	17,284	937
.80 to .89.....	20	2,853	21,569	2,138	4,653	16,046	26,213	47,560	22,406	1,862
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3559.--SPECIAL INDUSTRY MACHINES, N.E.C.										
Total.....	1,092	50,226	330,127	34,063	70,932	199,400	572,236	1,015,014	443,933	22,533
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	30	578	3,106	463	935	2,391	18,771	47,221	29,196	759
.20 to .29.....	65	1,121	6,729	889	1,923	4,467	27,324	45,204	18,931	607
.30 to .39.....	99	2,491	15,773	1,656	3,342	9,086	45,787	70,615	25,479	956
.40 to .49.....	138	8,212	51,199	5,589	11,639	30,437	114,397	180,574	71,269	2,513
.50 to .59.....	232	13,342	88,251	9,114	18,612	54,220	160,556	273,953	114,263	6,502
.60 to .69.....	167	8,996	60,168	6,046	12,957	35,916	162,971	273,953	114,263	6,502
.70 to .79.....	115	6,085	38,951	4,145	8,909	24,626	52,252	92,887	41,396	2,030
.80 to .89.....	66	3,264	22,653	2,183	4,652	13,025	26,441	59,393	30,447	2,233
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)	
		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)					
INDUSTRY 3552.—TEXTILE MACHINERY											
Total.....	553	34,313	154,548	25,611	51,206	101,897	214,199	376,340	162,141	8,508	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	36	144	403	121	205	1,793	3,121	1,328	68	
.20 to .29.....		40	797	3,072	685	1,321	2,456	9,174	13,227	4,053	285
.30 to .39.....		51	1,555	6,376	1,219	2,562	4,496	14,413	21,789	60,839	18,994
.40 to .49.....		74	4,662	22,286	3,481	7,034	14,832	41,845	60,839	18,994	853
.50 to .59.....	87	7,843	35,649	6,340	13,153	25,156	54,148	97,558	43,410	3,312	
.60 to .69.....	81	4,657	23,432	3,236	6,416	14,174	31,456	50,869	19,413	690	
.70 to .79.....	51	4,123	17,713	3,036	5,813	11,400	20,792	38,811	18,019	1,010	
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3553.—WOODWORKING MACHINERY											
Total.....	257	12,219	63,414	8,036	15,945	36,904	112,936	214,376	101,440	6,924	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	20	910	3,253	590	1,117	1,982	17,542	31,128	13,586	496
.20 to .29.....		19	374	1,521	275	544	1,046	4,150	7,372	3,222	212
.30 to .39.....		36	1,091	6,394	673	1,351	3,194	14,242	20,664	6,422	238
.40 to .49.....		43	2,280	11,959	1,597	3,165	7,254	21,995	41,919	19,924	571
.50 to .59.....	30	2,749	15,776	2,005	4,103	10,250	25,517	44,228	18,711	1,708	
.60 to .69.....	27	2,332	12,211	1,178	2,250	5,504	16,616	39,252	22,636	1,188	
.70 to .79.....	19	778	3,988	554	1,137	2,517	4,697	9,673	4,976	2,148	
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3554.—PAPER INDUSTRIES MACHINERY											
Total.....	202	15,713	89,881	11,356	22,727	58,198	123,758	310,179	186,421	4,847	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	53	1,987	10,479	1,383	2,751	6,964	24,184	40,578	16,394	111
.20 to .29.....		31	3,205	17,447	2,175	4,442	10,019	32,548	53,512	20,964	1,127
.30 to .39.....		38	2,638	14,497	1,759	3,569	8,459	22,342	39,577	17,235	673
.40 to .49.....		30	1,758	11,130	1,204	2,436	6,833	14,815	28,188	13,373	425
.50 to .59.....	13	726	4,549	529	1,063	2,886	5,277	10,167	4,890	402	
.60 to .69.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.70 to .79.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3555.—PRINTING TRADES MACHINERY											
Total.....	442	21,453	119,575	15,278	30,001	78,005	188,881	309,797	120,916	8,496	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	19	106	330	85	184	274	2,010	3,370	1,360	65	
.20 to .29.....	33	132	469	113	176	396	1,952	3,433	1,481	90	
.30 to .39.....	40	1,002	5,384	727	1,514	3,737	14,557	27,710	13,153	1,382	
.40 to .49.....	56	2,142	11,547	1,532	3,022	7,174	24,509	37,413	12,904	640	
.50 to .59.....	73	5,713	32,615	3,803	7,403	20,640	58,964	88,778	29,814	3,176	
.60 to .69.....	63	3,504	19,160	2,551	4,990	11,626	29,834	43,703	13,869	719	
.70 to .79.....	47	5,001	28,410	3,746	7,257	19,979	38,947	57,896	18,949	810	
.80 to .89.....	27	1,511	8,628	1,253	2,675	6,779	10,261	18,534	8,273	384	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3559.—SPECIAL INDUSTRY MACHINERY, N.E.C.											
Total.....	1,048	50,849	273,665	34,042	67,312	163,464	431,117	761,077	329,960	17,449	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	38	240	1,024	207	344	864	6,282	9,411	3,129	245	
.20 to .29.....	66	1,803	8,793	1,240	2,577	5,680	34,442	51,255	16,813	1,080	
.30 to .39.....	81	2,091	10,476	1,265	2,323	5,866	29,213	46,718	17,505	1,102	
.40 to .49.....	108	5,930	30,566	3,770	7,436	16,940	68,596	119,608	51,012	1,443	
.50 to .59.....	131	5,783	31,327	3,894	7,786	18,242	58,202	97,205	39,003	2,395	
.60 to .69.....	160	7,432	41,032	5,300	10,603	25,875	62,825	105,147	42,322	1,743	
.70 to .79.....	114	12,365	69,435	8,068	15,779	39,150	92,303	168,013	75,710	3,816	
.80 to .89.....	77	5,531	30,519	3,839	7,554	19,769	36,174	57,750	21,576	1,417	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 3561.--PUMPS AND COMPRESSORS										
Total.....	642	61,322	395,769	38,934	80,825	224,721	768,787	1,419,081	660,549	28,417
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	21	414	2,232	317	634	1,601	13,209	20,808	7,558	152
.20 to .29.....	48	2,325	14,108	1,824	3,901	10,416	60,291	94,751	35,989	1,915
.30 to .39.....	74	8,462	53,250	5,849	12,096	33,862	149,512	246,332	101,694	4,310
.40 to .49.....	137	11,524	73,094	7,362	15,385	41,555	160,305	273,027	118,231	5,323
.50 to .59.....	106	14,845	96,075	9,541	19,710	55,357	176,739	338,100	161,785	6,334
.60 to .69.....	71	11,379	73,851	6,909	14,307	39,540	113,755	217,627	103,725	4,953
.70 to .79.....	44	6,584	42,921	4,082	8,205	24,180	57,647	136,185	76,691	3,460
.80 to .89.....	22	1,933	12,557	1,136	2,307	6,452	15,171	37,873	22,804	338
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3562.--BALL AND ROLLER BEARINGS										
Total.....	125	52,316	348,700	42,003	85,970	263,022	627,694	998,784	372,267	39,243
Below .10.....	}	38	15,338	12,575	25,804	76,737	222,756	372,285	151,162	14,079
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	32	20,196	16,853	33,961	104,653	238,813	371,793	130,331	12,294
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}	16	6,075	4,745	9,849	31,980	57,158	86,778	30,128	6,040
.90 and above.....										
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3564.--BLOWERS AND FANS										
Total.....	237	15,244	94,090	10,733	21,616	57,776	180,801	315,285	135,733	6,979
Below .10.....	}	21	1,120	935	1,915	5,136	30,344	49,709	19,687	753
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	31	3,520	2,501	5,118	13,030	46,621	74,253	28,724	1,887
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}	33	3,254	2,093	4,306	12,028	33,925	58,064	25,650	1,538
.90 and above.....										
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3565.--INDUSTRIAL PATTERNS										
Total.....	1,209	9,914	75,605	8,685	17,710	64,877	112,587	140,696	29,167	3,794
Below .10.....	}	47	63	182	61	116	1,144	1,488	351	41
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	100	331	1,703	305	581	1,619	4,767	5,793	1,128
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}	180	1,189	8,138	1,064	2,027	7,466	14,783	17,821	3,145
.90 and above.....										
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3566.--POWER TRANSMISSION EQUIPMENT										
Total.....	532	46,670	303,314	34,400	71,101	203,941	555,710	888,641	345,058	26,444
Below .10.....	}	10	141	905	118	239	711	5,922	7,547	1,868
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	51	4,179	27,452	3,351	7,048	20,594	73,170	119,971	49,268
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}	129	13,348	85,574	10,209	21,158	60,710	152,884	230,392	80,639
.90 and above.....										
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)
		Total	Payroll	Total	Man-hours	Wages				
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)				
INDUSTRY 3561.--PUMPS AND COMPRESSORS										
Total.....	582	60,042	321,509	37,407	74,975	180,146	542,037	1,114,053	572,016	24,678
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	20	314	1,688	204	459	851	9,859	14,214	4,355	490
.20 to .29.....	38	703	3,267	457	960	2,054	12,245	25,975	13,730	327
.30 to .39.....	60	3,776	17,912	2,399	4,734	10,257	48,278	80,061	31,783	1,105
.40 to .49.....	81	10,507	56,512	6,857	14,082	33,725	123,466	217,854	94,388	2,834
.50 to .59.....	91	13,003	67,397	8,385	16,563	38,262	121,937	244,760	122,823	8,281
.60 to .69.....	81	14,487	77,281	9,065	17,835	43,966	119,995	266,936	146,941	3,959
.70 to .79.....	43	7,287	40,201	4,387	8,701	21,771	54,191	123,256	69,065	3,243
.80 to .89.....	27	3,979	22,409	2,535	5,284	13,400	26,543	56,907	30,364	2,845
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3562.--BALL AND ROLLER BEARINGS										
Total.....	107	46,439	241,160	35,757	67,323	169,117	407,744	649,640	241,896	34,303
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	30	9,254	46,234	7,192	13,996	33,636	106,450	157,087	50,637	4,979
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	23	13,328	69,302	10,889	20,935	52,328	127,709	194,878	67,169	10,163
.50 to .59.....										
.60 to .69.....										
.70 to .79.....	22	9,948	53,513	7,992	15,781	39,245	81,979	127,455	45,476	8,507
.80 to .89.....										
.90 and above.....										
INDUSTRY 3564.--BLOWERS AND FANS										
Total.....	207	15,947	82,457	10,980	21,356	50,322	145,050	271,629	126,579	5,569
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	22	884	3,988	816	1,568	3,592	15,081	27,332	12,251	352
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	19	592	3,026	453	851	1,991	8,569	15,474	6,905	204
.50 to .59.....										
.60 to .69.....										
.70 to .79.....	25	2,240	10,904	1,400	2,831	6,462	23,672	40,945	17,273	1,386
.80 to .89.....										
.90 and above.....										
INDUSTRY 3565.--INDUSTRIAL PATTERNS										
Total.....	1,174	8,870	54,746	7,683	13,950	45,370	78,108	98,343	20,235	3,214
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	46	80	147	75	95	142	1,017	1,226	209	217
.20 to .29.....	76	139	491	128	185	472	1,912	2,294	382	54
.30 to .39.....	99	225	1,035	214	355	998	2,994	3,618	624	170
.40 to .49.....	123	465	2,586	424	763	2,370	5,805	7,174	1,369	107
.50 to .59.....	168	1,027	5,456	936	1,736	4,948	9,816	12,356	2,540	489
.60 to .69.....	174	1,693	10,149	1,471	2,645	8,662	15,689	19,123	3,434	1,064
.70 to .79.....	135	1,780	11,841	1,542	2,919	9,670	15,730	19,423	3,693	392
.80 to .89.....	105	1,386	9,757	1,148	2,175	7,705	11,541	14,262	2,721	257
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3566.--POWER TRANSMISSION EQUIPMENT										
Total.....	470	41,782	226,101	29,762	57,537	143,812	384,372	630,303	245,931	26,842
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	14	120	293	95	130	222	1,866	3,395	1,529	165
.20 to .29.....	23	329	1,048	258	354	798	4,229	6,479	2,250	56
.30 to .39.....	42	2,428	12,378	1,895	3,639	8,794	33,449	51,882	18,433	1,278
.40 to .49.....	59	5,368	29,275	3,799	7,746	19,352	64,333	104,538	40,205	3,303
.50 to .59.....	85	12,169	67,145	8,800	16,741	42,970	122,067	192,051	69,984	5,394
.60 to .69.....	76	11,182	60,922	7,990	15,381	37,899	95,152	150,452	55,300	7,132
.70 to .79.....	58	4,196	22,743	2,928	5,935	14,131	31,019	49,853	18,834	1,144
.80 to .89.....	37	1,904	10,719	1,390	2,779	6,900	12,679	22,302	9,623	5,674
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 3567.--INDUSTRIAL FURNACES AND OVENS											
Total.....	238	12,118	83,738	6,782	13,963	38,731	143,009	279,058	137,732	4,561	
Below .10.....	}	10	31	249	21	47	190	943	1,358	420	17
.10 to .19.....		19	393	2,470	238	467	1,326	6,997	14,731	7,910	3
.20 to .29.....		36	2,110	14,566	1,141	2,291	5,728	32,727	56,975	25,809	1,034
.30 to .39.....		48	5,171	35,778	2,731	5,621	16,189	62,688	118,909	56,249	1,732
.40 to .49.....		37	1,592	12,047	999	2,155	6,124	18,094	34,497	17,402	672
.50 to .59.....		20	1,079	7,745	524	1,066	2,934	10,217	27,526	16,784	205
.60 to .69.....		20	1,011	6,113	670	1,385	3,597	7,141	15,205	7,672	805
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3569.--GENERAL INDUSTRY MACHINES, N.E.C.											
Total.....	777	35,559	240,816	20,332	40,869	109,354	424,084	691,280	272,709	15,102	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	27	467	2,616	368	777	1,876	15,800	18,686	7,158	219	
.20 to .29.....	48	1,707	9,620	1,184	2,296	5,874	35,662	44,585	9,104	1,127	
.30 to .39.....	79	3,202	19,579	1,986	4,055	10,612	57,644	89,817	34,313	1,902	
.40 to .49.....	105	4,893	30,455	3,056	6,333	15,631	66,958	113,591	47,840	2,405	
.50 to .59.....	167	6,211	37,763	4,276	8,574	22,084	69,370	119,099	48,978	2,501	
.60 to .69.....	112	5,586	35,207	3,938	7,529	21,268	54,290	88,769	38,782	1,966	
.70 to .79.....	60	5,739	48,838	2,169	4,537	12,588	65,825	107,320	41,390	2,512	
.80 to .89.....	33	631	3,630	458	889	2,216	4,271	8,864	4,148	106	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3571.--COMPUTING AND RELATED MACHINES											
Total.....	248	96,370	703,231	58,985	119,521	369,459	1,101,484	2,019,714	926,876	92,628	
Below .10.....	}	23	10,627	67,373	7,309	15,700	42,518	284,168	458,307	207,698	21,448
.10 to .19.....		16	9,252	62,414	4,634	9,410	26,771	176,452	239,713	67,548	4,698
.20 to .29.....		30	3,599	20,344	2,624	5,312	11,920	43,440	54,391	17,615	1,909
.30 to .39.....		44	19,987	141,849	16,131	32,283	107,254	249,972	336,555	84,654	12,499
.40 to .49.....		32	9,828	61,761	7,133	13,822	41,155	93,997	145,358	54,709	6,436
.50 to .59.....		21	10,081	68,746	6,457	12,417	35,475	92,311	175,400	78,826	4,430
.60 to .69.....		15	3,060	22,589	1,786	3,873	10,019	27,136	47,384	16,796	8,340
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3572.--TYPEWRITERS											
Total.....	21	18,023	102,885	13,940	27,076	71,068	243,190	315,385	79,641	9,576	
Below .10.....	}	10	11,769	70,429	8,749	17,270	45,696	183,490	238,987	63,522	8,419
.10 to .19.....		11	6,254	32,456	5,191	9,806	25,372	59,700	76,398	16,119	1,157
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
INDUSTRY 3576.--SCALES AND BALANCES											
Total.....	85	5,765	35,052	3,725	7,678	19,919	64,362	98,491	35,298	1,149	
Below .10.....	}	27	1,803	10,304	1,319	2,604	6,596	26,085	38,022	12,401	347
.10 to .19.....		41	3,820	24,029	2,302	4,855	12,858	37,538	58,927	22,042	792
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new		
		Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)		
INDUSTRY 3567.--INDUSTRIAL FURNACES AND OVENS												
Total.....	201	10,288	57,394	5,774	11,671	26,859	96,450	204,835	108,385	2,853		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	}	10	175	582	104	152	384	2,407	4,043	1,636	53	
.20 to .29.....		13	1,199	6,566	523	1,083	2,474	19,213	46,151	26,938	590	
.30 to .39.....		29	1,224	6,847	589	1,188	2,670	15,303	32,344	17,041	412	
.40 to .49.....		32	1,997	11,039	1,197	2,467	5,444	19,542	34,313	14,771	562	
.50 to .59.....		31	1,788	10,623	1,060	2,211	5,020	16,206	31,592	15,386	295	
.60 to .69.....		21	1,742	10,574	1,028	2,034	5,010	14,301	27,718	13,417	445	
.70 to .79.....		16	450	2,630	292	554	1,337	3,122	6,495	3,373	51	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....												
INDUSTRY 3569.--GENERAL INDUSTRY MACHINES, N.E.C.												
Total.....	584	28,014	159,915	16,068	31,784	75,622	281,423	458,280	176,857	17,347		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	17	99	469	83	138	315	2,789	3,679	890	132		
.20 to .29.....	62	681	3,381	537	1,062	2,400	13,788	22,025	8,237	510		
.30 to .39.....	45	3,507	19,586	1,908	3,228	7,919	56,910	67,765	10,855	3,903		
.40 to .49.....	67	3,478	18,847	2,224	4,370	10,003	40,285	70,537	30,252	1,773		
.50 to .59.....	94	4,864	25,919	3,121	6,347	13,831	46,557	79,091	32,534	2,845		
.60 to .69.....	84	7,423	45,020	3,365	6,729	15,883	68,201	109,315	41,114	4,301		
.70 to .79.....	55	2,301	14,381	1,577	3,388	9,496	19,094	30,093	10,999	369		
.80 to .89.....	35	3,608	21,851	1,906	3,737	9,552	24,950	43,121	18,171	2,992		
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
INDUSTRY 3571.--COMPUTING AND RELATED MACHINES												
Total.....	136	80,864	473,455	50,523	98,497	269,013	579,103	1,104,194	525,091	61,494		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	}	15	281	1,332	264	516	1,251	6,139	9,418	3,279	60	
.20 to .29.....		24	7,393	36,620	5,407	10,318	23,977	89,487	110,466	20,979	5,936	
.30 to .39.....		21	5,322	27,019	4,078	8,095	18,231	49,306	65,292	15,986	3,328	
.40 to .49.....		21	27,900	167,621	19,047	36,115	106,734	268,813	421,253	152,440	21,218	
.50 to .59.....		}	26	4,440	25,666	2,723	5,401	12,751	34,148	60,965	26,817	7,796
.60 to .69.....			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....												
.80 to .89.....												
.90 and above.....												
INDUSTRY 3572.--TYPEWRITERS												
Total.....	18	19,779	84,467	16,310	29,748	64,612	168,877	238,173	69,296	9,880		
Below .10.....	}	18	19,779	84,467	16,310	29,748	64,612	168,877	238,173	69,296	9,880	
.10 to .19.....												
.20 to .29.....												
.30 to .39.....												
.40 to .49.....												
.50 to .59.....												
.60 to .69.....												
.70 to .79.....												
.80 to .89.....												
.90 and above.....												
INDUSTRY 3576.--SCALES AND BALANCES												
Total.....	72	5,347	26,574	3,515	6,886	14,974	49,125	78,335	29,210	1,400		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	}	25	1,137	5,364	824	1,569	3,330	16,195	25,104	8,909	301	
.20 to .29.....		15	1,951	9,068	1,444	2,847	5,980	16,198	25,150	8,952	406	
.30 to .39.....		}	20	2,101	5,331	1,150	2,282	5,101	15,821	26,393	10,572	613
.40 to .49.....			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.50 to .59.....												
.60 to .69.....												
.70 to .79.....												
.80 to .89.....												
.90 and above.....												

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 3579.--OFFICE MACHINES, N.E.C.										
Total.....	161	16,980	104,053	11,616	22,996	63,258	224,654	349,210	126,658	16,257
Below .10.....	}	52	8,378	55,800	5,490	10,560	33,368	154,744	228,613	77,735
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	28	2,838	16,750	2,125	4,433	10,876	31,318	50,261	18,488
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}	27	3,360	18,312	2,232	4,450	10,202	23,122	40,681	16,210
.90 and above.....										
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3581.--AUTOMATIC VENDING MACHINES										
Total.....	158	11,672	64,791	8,442	16,790	40,427	121,365	238,000	116,908	3,479
Below .10.....	}	11	197	838	166	299	672	4,599	9,734	5,340
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	41	4,345	24,478	3,317	6,581	16,628	57,996	112,337	54,644
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}	17	1,743	9,442	1,312	2,802	6,342	12,079	24,066	11,808
.90 and above.....										
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3582.--COMMERCIAL LAUNDRY EQUIPMENT										
Total.....	115	6,542	37,929	4,667	9,605	23,462	70,771	136,757	64,925	2,487
Below .10.....	}	10	212	1,010	192	389	776	5,281	8,508	3,438
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	10	358	1,713	285	558	1,077	4,623	6,811	2,425
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}	21	2,283	12,760	1,697	3,518	8,343	29,054	53,004	24,695
.90 and above.....										
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3585.--REFRIGERATION MACHINERY										
Total.....	698	72,330	432,583	50,676	101,231	268,304	892,686	1,928,001	1,059,887	33,471
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	18	2,232	13,843	1,708	3,467	9,895	90,653	132,210	42,636	1,212
.20 to .29.....	42	4,161	22,465	3,024	6,218	15,069	89,704	170,132	82,294	3,891
.30 to .39.....	64	9,759	58,388	6,868	13,594	35,985	149,968	294,006	157,777	7,146
.40 to .49.....	124	19,960	122,665	13,769	28,089	74,149	256,341	557,620	309,273	10,421
.50 to .59.....	166	15,299	92,151	10,834	21,061	57,215	159,230	385,839	228,787	5,051
.60 to .69.....	74	8,349	52,142	5,623	11,368	31,261	78,136	160,935	85,797	2,366
.70 to .79.....	43	2,231	13,109	1,612	3,229	7,939	10,596	35,256	23,822	640
.80 to .89.....	30	2,700	15,176	1,801	3,511	9,822	18,241	41,643	23,553	272
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3586.--MEASURING AND DISPENSING PUMPS										
Total.....	43	6,768	41,732	4,499	8,913	23,155	91,713	159,487	71,213	2,604
Below .10.....	}	20	4,231	25,735	2,861	5,733	14,586	67,893	109,654	45,431
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	23	2,537	15,997	1,638	3,180	8,569	23,820	49,833	25,782
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}	23	2,537	15,997	1,638	3,180	8,569	23,820	49,833	25,782
.90 and above.....										
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)	
		Total	Payroll	Total	Man-hours	Wages					
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)					
INDUSTRY 3579.—OFFICE MACHINES, N.E.C.											
Total.....	120	15,625	82,984	10,600	21,227	50,108	173,424	264,513	91,089	11,817	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	12	169	757	87	165	3,145	4,062	917	625	
.20 to .29.....		10	5,166	29,327	3,750	7,337	19,945	86,144	114,089	27,945	8,416
.30 to .39.....		20	1,371	7,008	978	2,033	4,025	14,906	22,446	7,540	459
.40 to .49.....	}	18	3,946	22,183	2,495	5,097	12,122	39,140	64,657	25,517	1,394
.50 to .59.....		23	2,537	12,006	1,691	3,411	6,950	18,540	30,090	11,550	302
.60 to .69.....		16	1,200	5,359	821	1,660	3,145	6,675	12,952	6,277	227
.70 to .79.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....											
.90 and above.....											
INDUSTRY 3581.—AUTOMATIC VENDING MACHINES											
Total.....	121	7,894	37,049	5,557	10,846	21,945	64,694	141,635	76,941	2,798	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	20	1,137	4,848	822	1,631	2,971	16,149	36,344	20,195	495
.20 to .29.....		22	1,087	4,713	721	1,392	2,644	10,208	16,356	6,148	525
.30 to .39.....		17	1,750	8,060	1,320	2,691	5,138	14,556	25,617	11,061	455
.40 to .49.....	}	16	1,110	4,759	876	1,650	3,285	7,252	13,789	6,537	263
.50 to .59.....		19	1,311	7,011	933	1,832	4,371	9,204	22,002	12,798	599
.60 to .69.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....	}										
.80 to .89.....											
.90 and above.....											
INDUSTRY 3582.—COMMERCIAL LAUNDRY EQUIPMENT											
Total.....	119	6,560	33,047	4,544	9,218	20,183	65,580	119,499	53,919	2,024	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	16	284	1,081	213	372	772	5,662	8,772	3,110	128
.20 to .29.....		12	708	3,692	515	1,131	2,529	10,937	19,217	8,280	280
.30 to .39.....		20	2,959	13,975	2,257	4,504	9,834	30,274	52,451	22,177	1,131
.40 to .49.....	}	16	664	3,251	393	863	1,681	5,875	11,169	5,294	70
.50 to .59.....		16	918	5,310	559	1,167	2,723	8,543	15,261	6,718	164
.60 to .69.....		11	301	1,628	217	431	992	2,149	4,797	2,648	101
.70 to .79.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....											
.90 and above.....											
INDUSTRY 3585.—REFRIGERATION MACHINERY											
Total.....	625	67,715	342,169	46,210	90,352	204,934	598,032	1,441,082	843,050	23,166	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	23	1,035	4,668	736	1,418	3,338	28,256	71,324	43,068	209
.20 to .29.....		42	921	3,642	732	1,242	2,635	14,457	29,901	15,444	384
.30 to .39.....		58	3,344	15,885	2,417	4,828	10,376	44,942	77,908	32,966	1,051
.40 to .49.....	}	84	16,811	82,822	12,798	24,652	58,325	180,462	402,383	221,921	4,978
.50 to .59.....		80	13,327	69,287	7,796	15,770	33,196	128,122	273,449	145,327	6,989
.60 to .69.....		120	13,440	66,895	9,366	18,488	40,500	105,093	249,766	144,673	3,427
.70 to .79.....	}	59	5,009	24,122	3,884	7,737	16,520	32,850	94,345	61,495	1,847
.80 to .89.....		43	3,461	17,202	2,649	5,021	12,129	20,508	59,470	38,962	824
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3586.—MEASURING AND DISPENSING PUMPS											
Total.....	32	6,201	32,852	3,747	7,102	16,680	64,689	119,045	54,356	2,238	
Below .10.....	}	10	2,190	10,653	1,426	2,756	5,932	29,898	55,455	25,557	988
.10 to .19.....											
.20 to .29.....											
.30 to .39.....	}	22	4,011	22,199	2,421	4,346	10,748	34,791	63,590	28,799	1,650
.40 to .49.....											
.50 to .59.....											
.60 to .69.....	}										
.70 to .79.....											
.80 to .89.....											
.90 and above.....											

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 3589.--SERVICE INDUSTRY MACHINES, N.E.C.											
Total.....	506	15,257	96,834	9,524	19,423	51,279	192,379	378,300	185,121	5,278	
Below .10.....	}	11	205	1,035	124	251	992	6,019	9,086	3,021	63
.10 to .19.....		27	1,390	7,497	1,005	2,104	5,188	29,817	50,120	21,023	1,096
.20 to .29.....		45	1,095	6,394	760	1,451	3,619	17,867	28,047	11,009	358
.30 to .39.....		123	3,578	23,717	2,100	4,371	11,149	51,206	98,133	47,488	1,451
.40 to .49.....		63	3,413	23,344	1,956	3,943	10,714	43,189	88,553	45,065	1,394
.50 to .59.....		66	2,424	15,757	1,491	3,020	8,708	24,195	46,809	22,787	362
.60 to .69.....		36	1,398	8,507	995	2,095	5,542	11,274	23,365	11,741	338
.70 to .79.....		21	654	3,742	503	1,032	2,618	4,382	10,496	5,874	92
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3599.--MISCELLANEOUS MACHINERY											
Total.....	12,090	135,820	793,629	108,445	224,320	593,147	1,366,327	2,036,299	673,823	71,729	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	219	603	2,336	523	1,052	2,026	14,617	17,619	2,885	615	
.20 to .29.....	747	4,159	21,489	3,038	6,173	14,291	80,833	104,791	25,327	2,933	
.30 to .39.....	1,009	8,539	43,451	7,043	14,322	34,649	122,199	175,264	54,499	5,567	
.40 to .49.....	1,405	17,308	99,547	13,721	27,964	74,458	219,745	315,963	98,876	10,540	
.50 to .59.....	2,826	34,625	190,413	27,534	56,625	142,587	348,768	515,791	170,020	22,376	
.60 to .69.....	1,487	30,182	190,155	23,919	49,939	139,341	295,027	430,498	138,442	13,501	
.70 to .79.....	1,036	19,413	125,033	15,599	33,126	92,661	166,831	253,848	85,268	8,207	
.80 to .89.....	577	9,006	55,278	7,176	14,773	41,317	65,863	103,767	37,265	2,992	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3611.--ELECTRIC MEASURING INSTRUMENTS											
Total.....	560	44,715	273,645	30,109	59,905	149,616	505,309	749,220	245,417	19,207	
Below .10.....	}	34	1,428	7,243	1,085	2,282	4,386	27,228	36,619	11,935	1,329
.10 to .19.....		45	5,171	30,667	3,406	6,967	16,240	88,576	120,027	31,527	2,353
.20 to .29.....		58	7,856	55,815	5,234	11,087	30,890	119,886	169,687	48,833	3,511
.30 to .39.....		141	8,905	55,695	5,988	11,874	29,001	101,634	158,581	56,970	3,923
.40 to .49.....		75	14,650	88,744	10,100	19,153	50,071	137,027	195,709	62,772	5,275
.50 to .59.....		35	1,554	7,374	1,165	2,372	4,603	9,853	16,399	6,161	300
.60 to .69.....		25	1,330	6,885	965	1,867	4,044	8,309	12,586	4,199	470
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3612.--TRANSFORMERS											
Total.....	177	33,365	209,514	23,640	46,873	129,628	381,514	722,896	337,001	13,161	
Below .10.....	}	12	1,292	7,445	978	1,940	5,058	38,636	61,257	22,723	332
.10 to .19.....		17	2,148	11,204	1,604	3,188	7,407	30,594	63,830	36,512	1,164
.20 to .29.....		17	6,643	40,652	5,082	10,223	27,215	92,581	163,292	72,444	3,998
.30 to .39.....		42	7,563	50,654	5,016	10,375	28,328	94,499	162,830	66,177	3,728
.40 to .49.....		34	5,459	32,166	4,244	8,464	21,656	50,166	100,144	52,327	1,783
.50 to .59.....		18	2,082	12,545	1,517	3,085	8,244	16,529	35,478	18,591	284
.60 to .69.....		13	5,046	36,827	3,287	6,314	21,778	44,703	84,572	37,995	1,289
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3613.--SWITCHGEAR AND SWITCHBOARDS											
Total.....	400	54,045	338,860	38,091	76,910	204,942	647,838	1,093,743	452,209	18,180	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	12	1,183	6,712	896	1,804	4,521	36,135	48,387	12,724	313	
.20 to .29.....	20	1,939	11,099	1,464	2,909	7,611	43,297	67,260	24,319	1,433	
.30 to .39.....	37	7,478	42,243	5,791	11,828	28,472	118,260	180,126	62,877	1,279	
.40 to .49.....	48	9,146	55,398	6,469	12,874	34,001	118,909	180,926	62,673	3,962	
.50 to .59.....	74	12,605	79,420	8,718	17,684	47,768	144,272	247,641	103,204	5,602	
.60 to .69.....	71	8,567	55,086	6,184	12,296	34,931	85,690	155,771	71,589	1,993	
.70 to .79.....	40	5,963	39,230	3,810	7,677	20,099	51,917	90,775	40,308	1,840	
.80 to .89.....	29	1,478	8,979	1,044	2,299	5,174	10,518	22,712	11,449	234	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)				
INDUSTRY 3584.--VACUUM CLEANERS, INDUSTRIAL, AND 3589.--SERVICE INDUSTRY MACHINES, N.E.C.										
Total.....	359	11,689	63,719	7,746	15,086	35,864	125,156	245,227	120,071	3,217
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	20	172	414	156	230	303	2,685	3,812	1,127	55
.20 to .29.....	28	930	4,897	687	1,255	3,056	20,893	36,413	15,520	553
.30 to .39.....	39	1,060	5,610	683	1,301	3,102	16,621	31,165	14,544	375
.40 to .49.....	53	1,710	9,354	966	1,972	4,585	20,975	42,662	21,687	504
.50 to .59.....	59	2,635	13,001	1,698	3,348	7,171	23,795	45,421	21,626	602
.60 to .69.....	41	1,638	9,805	1,055	2,044	5,120	15,173	31,316	16,143	371
.70 to .79.....	34	2,017	12,090	1,429	2,799	7,357	16,358	30,527	14,169	419
.80 to .89.....	14	297	1,912	187	381	916	2,261	5,357	3,096	34
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3599.--MISCELLANEOUS MACHINERY										
Total.....	10,170	115,659	575,407	91,626	179,730	420,751	959,939	1,481,295	521,356	93,131
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	453	1,162	3,213	978	1,499	2,424	21,460	28,437	6,977	11,230
.20 to .29.....	775	4,421	16,996	3,332	5,805	12,180	66,451	96,049	29,598	8,359
.30 to .39.....	1,077	8,015	32,780	6,589	12,100	25,585	91,465	128,896	37,431	8,830
.40 to .49.....	1,144	13,483	62,933	10,823	20,621	47,320	141,613	207,271	65,658	11,708
.50 to .59.....	1,416	16,867	84,129	13,518	26,645	63,312	153,519	224,898	71,379	12,710
.60 to .69.....	1,312	22,541	119,450	18,018	37,074	87,709	184,162	271,835	87,673	9,241
.70 to .79.....	955	19,337	102,461	15,151	30,568	73,813	137,153	207,731	70,578	6,954
.80 to .89.....	633	10,907	58,033	8,485	16,876	40,229	69,713	109,514	39,801	4,056
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3611.--ELECTRIC MEASURING INSTRUMENTS										
Total.....	492	46,923	254,833	31,702	63,646	147,165	419,396	673,522	254,126	19,421
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	11	131	403	103	173	281	2,562	3,243	681	24
.20 to .29.....	29	232	852	190	331	601	3,156	3,937	781	366
.30 to .39.....	43	3,482	17,269	2,185	4,322	9,208	49,112	66,635	17,523	1,065
.40 to .49.....	64	7,740	44,439	5,333	10,933	27,341	99,775	146,809	47,034	7,245
.50 to .59.....	80	8,349	45,006	5,448	11,066	24,450	79,844	122,159	42,315	2,597
.60 to .69.....	69	8,882	50,891	6,169	12,615	29,018	79,367	125,655	46,288	4,504
.70 to .79.....	51	6,594	33,337	4,271	8,123	17,584	44,291	67,305	23,014	1,120
.80 to .89.....	27	1,619	7,902	1,240	2,511	5,625	9,565	18,258	8,693	339
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3612.--TRANSFORMERS										
Total.....	175	34,601	186,361	22,578	45,112	108,592	364,212	642,267	278,055	13,816
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	18	1,649	8,142	1,124	2,317	5,025	32,149	52,990	20,841	1,137
.20 to .29.....	16	1,584	6,499	1,082	2,101	4,192	18,000	33,499	15,499	865
.30 to .39.....	20	14,930	85,837	9,255	18,465	47,636	192,980	317,513	124,533	4,849
.40 to .49.....	32	4,387	22,180	3,185	6,328	15,193	38,438	73,372	34,934	1,394
.50 to .59.....	28	3,417	15,784	2,391	4,684	9,061	24,937	45,545	20,608	541
.60 to .69.....	21	3,640	20,446	2,417	5,018	12,252	26,431	51,895	25,464	1,091
.70 to .79.....	11	3,948	22,515	2,300	4,609	11,829	27,108	56,162	29,054	1,963
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3613.--SWITCHGEAR AND SWITCHBOARDS										
Total.....	402	52,871	283,152	36,263	72,769	170,453	555,044	962,558	407,514	17,820
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	28	3,063	14,049	2,268	4,554	9,619	53,933	74,670	20,737	1,990
.20 to .29.....	37	8,611	49,163	5,622	11,472	29,878	134,967	212,709	77,742	3,376
.30 to .39.....	48	8,446	43,180	5,792	11,371	24,840	95,682	162,641	66,959	1,912
.40 to .49.....	67	13,633	73,372	9,826	20,234	45,807	134,103	254,357	120,254	2,863
.50 to .59.....	49	6,121	31,666	4,480	8,623	19,850	47,932	78,924	30,992	1,670
.60 to .69.....	44	7,791	43,912	4,872	9,719	24,365	59,346	106,188	46,842	2,885
.70 to .79.....	38	2,174	11,781	1,308	2,648	6,313	14,290	28,520	14,230	488
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new		
		Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)		
INDUSTRY 3621.--MOTORS AND GENERATORS												
Total.....	384	94,170	583,225	68,693	140,174	378,790	993,207	1,709,818	715,189	35,804		
Below .10.....	}	21	3,048	12,758	2,781	5,530	10,541	52,380	89,149	41,010	1,944	
.10 to .19.....		32	8,212	46,277	6,237	12,218	30,149	130,063	196,908	72,611	3,466	
.20 to .29.....		50	11,943	71,361	9,036	18,376	48,743	157,496	258,876	102,284	4,126	
.30 to .39.....		82	18,767	119,618	13,059	26,311	73,612	219,510	355,228	138,772	8,331	
.40 to .49.....		56	23,526	157,035	17,002	35,410	101,112	245,391	397,918	156,429	5,833	
.50 to .59.....		30	8,697	61,188	6,456	13,891	39,873	83,535	162,408	75,882	3,501	
.60 to .69.....		27	8,345	48,838	6,246	12,492	33,453	58,521	110,657	47,183	2,808	
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
INDUSTRY 3622.--INDUSTRIAL CONTROLS												
Total.....	427	32,990	214,597	22,772	44,898	125,418	450,507	648,683	207,587	15,419		
Below .10.....	}	30	1,780	10,997	1,310	2,698	6,709	40,449	53,184	12,907	1,169	
.10 to .19.....		35	3,764	22,669	2,981	5,671	17,379	61,004	80,984	24,488	1,021	
.20 to .29.....		45	17,103	110,702	11,820	23,200	67,112	248,758	335,658	88,497	11,159	
.30 to .39.....		92	2,773	17,163	1,725	3,357	8,572	31,401	51,271	21,334	726	
.40 to .49.....		52	2,470	13,343	1,639	3,183	6,941	21,119	32,351	12,757	423	
.50 to .59.....		31	3,307	28,316	2,178	4,485	13,018	38,168	71,558	33,959	480	
.60 to .69.....		24	459	2,935	281	567	1,354	3,441	8,551	4,867	200	
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
INDUSTRY 3623.--ELECTRIC WELDING APPARATUS												
Total.....	149	9,629	72,113	6,565	14,075	44,617	162,411	330,227	168,553	5,364		
Below .10.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....		10	1,025	5,175	624	1,246	3,681	22,142	36,354	14,935	264	
.20 to .29.....		20	1,866	11,702	1,263	2,776	7,127	31,746	75,042	42,163	1,051	
.30 to .39.....		31	2,176	22,211	1,547	3,179	14,584	49,511	98,546	48,817	1,600	
.40 to .49.....		21	2,405	18,464	1,609	3,502	10,456	33,134	70,444	38,569	1,793	
.50 to .59.....		25	1,070	7,504	830	1,923	5,104	11,444	23,446	12,016	189	
.60 to .69.....		}	17	742	4,921	491	1,026	2,562	6,633	12,543	5,552	129
.70 to .79.....			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
INDUSTRY 3624.--CARBON AND GRAPHITE PRODUCTS												
Total.....	53	10,123	61,984	7,963	16,104	44,068	141,423	226,889	84,758	11,441		
Below .10.....	}	17	4,790	30,079	3,777	7,723	22,348	92,593	149,491	56,855	6,328	
.10 to .19.....		}	26	4,396	26,008	3,534	7,042	18,003	42,987	63,432	20,845	4,574
.20 to .29.....			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.30 to .39.....			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.40 to .49.....		}	17	4,790	30,079	3,777	7,723	22,348	92,593	149,491	56,855	6,328
.50 to .59.....			26	4,396	26,008	3,534	7,042	18,003	42,987	63,432	20,845	4,574
.60 to .69.....			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....		}	17	4,790	30,079	3,777	7,723	22,348	92,593	149,491	56,855	6,328
.80 to .89.....			26	4,396	26,008	3,534	7,042	18,003	42,987	63,432	20,845	4,574
.90 and above.....	(*)		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3629.--ELECTRIC INDUSTRIAL GOODS, N.E.C.												
Total.....	231	14,041	72,988	10,897	21,043	47,677	141,633	238,325	100,132	4,003		
Below .10.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....		17	485	2,240	439	877	1,908	10,557	14,149	4,049	340	
.20 to .29.....		16	2,217	13,444	1,668	3,154	9,343	35,863	57,919	23,902	653	
.30 to .39.....		26	2,752	15,360	2,020	3,917	9,350	32,725	54,760	22,570	644	
.40 to .49.....		58	3,273	16,663	2,585	5,125	11,320	29,352	47,838	19,203	1,298	
.50 to .59.....		27	1,247	6,849	921	1,780	3,996	10,763	17,174	6,567	265	
.60 to .69.....		32	2,724	11,694	2,206	4,140	7,621	15,700	29,004	13,333	434	
.70 to .79.....		13	525	2,533	404	803	1,540	2,972	5,622	2,509	104	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)				
INDUSTRY 3621.--MOTORS AND GENERATORS										
Total.....	378	93,541	488,854	64,795	127,799	303,785	813,124	1,392,573	579,449	28,311
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	11	163	662	132	270	395	3,639	14,897	11,258	19
.20 to .29.....	19	1,503	5,685	1,211	2,322	4,102	21,767	30,691	8,924	607
.30 to .39.....	25	7,272	36,955	5,016	9,599	22,959	100,085	155,375	55,290	1,544
.40 to .49.....	53	9,930	52,866	6,987	14,031	34,047	122,361	194,114	71,753	5,021
.50 to .59.....	64	21,456	113,378	13,893	28,100	65,543	203,888	347,935	144,047	6,452
.60 to .69.....	55	15,653	88,510	10,801	21,992	53,934	136,942	226,978	90,036	5,086
.70 to .79.....	42	20,761	105,369	15,447	29,710	71,412	140,732	249,757	109,025	4,827
.80 to .89.....	36	8,912	44,201	6,121	11,807	26,916	53,200	102,545	49,345	2,294
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3622.--INDUSTRIAL CONTROLS										
Total.....	216	27,150	145,270	17,311	33,660	81,769	281,890	413,163	131,273	7,611
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	16	122	526	88	153	382	2,554	4,096	1,542	93
.20 to .29.....	20	3,824	18,831	2,126	4,145	8,535	54,345	80,587	26,242	560
.30 to .39.....	30	9,206	50,688	6,370	12,076	31,732	109,524	147,497	37,973	4,024
.40 to .49.....	29	6,812	37,851	4,124	8,231	20,799	69,067	93,322	24,255	1,489
.50 to .59.....	29	2,131	10,624	1,451	2,715	5,869	15,844	24,145	8,301	360
.60 to .69.....	22	940	5,258	621	1,223	3,032	6,964	11,741	4,777	170
.70 to .79.....	23	2,965	14,894	1,789	3,641	7,986	17,666	34,386	16,720	626
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3623.--WELDING APPARATUS										
Total.....	135	9,895	60,761	6,392	12,746	33,048	112,709	247,739	135,030	4,330
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	17	409	2,306	251	452	1,082	8,687	22,824	14,137	234
.20 to .29.....	18	795	3,858	501	976	2,216	11,312	25,263	13,951	543
.30 to .39.....	14	2,096	16,327	1,296	2,485	8,465	34,164	74,441	40,277	1,573
.40 to .49.....	23	2,345	12,429	1,656	3,302	7,508	22,997	55,428	32,431	880
.50 to .59.....	19	1,791	10,408	1,274	2,584	6,220	16,028	27,563	11,535	530
.60 to .69.....	28	1,985	12,283	1,111	2,324	5,846	16,436	35,010	18,574	545
.70 to .79.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3624.--CARBON AND GRAPHITE PRODUCTS										
Total.....	46	8,904	45,628	6,620	13,015	30,551	102,483	154,925	52,442	11,068
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	14	4,503	25,160	3,434	6,680	18,107	74,091	112,397	38,306	7,088
.20 to .29.....	15	1,698	7,915	1,279	2,559	5,118	13,044	17,219	4,175	1,645
.30 to .39.....	17	2,703	12,553	1,907	3,776	7,326	15,348	25,309	9,961	2,335
.40 to .49.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.50 to .59.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.60 to .69.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3629.--ELECTRICAL INDUSTRIAL GOODS, N.E.C.										
Total.....	286	16,842	78,595	11,888	23,619	47,011	137,547	228,929	91,382	8,467
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	19	565	2,804	225	509	830	10,039	13,005	2,966	2,877
.20 to .29.....	24	803	2,899	699	1,338	2,301	8,591	13,651	5,060	128
.30 to .39.....	28	2,326	12,221	1,742	3,197	8,059	26,538	42,018	15,480	864
.40 to .49.....	49	6,051	30,461	3,843	8,071	16,818	54,628	87,209	32,581	3,201
.50 to .59.....	55	2,170	8,766	1,752	3,438	5,797	13,727	23,759	10,032	458
.60 to .69.....	31	1,628	6,722	1,283	2,433	4,283	9,037	17,227	8,190	360
.70 to .79.....	19	1,128	5,092	754	1,504	2,857	5,953	10,854	4,901	160
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 3631.--HOUSEHOLD COOKING EQUIPMENT										
Total.....	83	19,191	111,266	15,149	30,356	75,580	230,285	473,453	253,530	8,216
Below .10.....	}	16	7,547	5,866	11,525	33,118	132,574	243,003	121,528	5,099
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	47	10,725	8,542	17,253	38,882	94,947	215,708	122,498	2,952
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....										
INDUSTRY 3632.--HOUSEHOLD REFRIGERATORS										
Total.....	34	43,065	279,977	35,232	69,978	212,228	631,269	1,306,539	696,141	21,765
Below .10.....	}	10	35,669	236,695	29,419	58,614	181,228	556,283	1,094,080	559,313
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	24	7,396	43,282	5,813	11,364	31,000	74,986	212,459	136,828
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}	24	7,396	43,282	5,813	11,364	31,000	74,986	212,459	136,828
.90 and above.....										
INDUSTRY 3633.--HOUSEHOLD LAUNDRY EQUIPMENT										
Total.....	39	18,343	115,387	14,738	28,827	85,865	353,863	760,161	416,015	9,217
Below .10.....	}	14	14,353	95,593	11,644	22,836	71,548	328,693	666,824	349,975
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	12	1,929	9,542	1,654	3,325	7,801	14,957	52,636	37,791
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}	13	2,061	10,252	1,440	2,666	6,516	10,213	40,701	28,249
.90 and above.....										
INDUSTRY 3634.--ELECTRIC HOUSEWARES AND FANS										
Total.....	312	38,801	188,257	31,053	59,567	126,912	463,845	850,281	394,578	17,009
Below .10.....	}	15	2,305	12,636	1,798	3,551	8,922	76,205	111,848	36,280
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	29	5,806	27,460	4,784	9,581	18,727	76,782	117,661	45,473
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}	38	5,841	25,173	4,685	8,576	17,084	46,451	107,487	61,186
.90 and above.....										
.10 to .19.....										
.20 to .29.....										
.30 to .39.....	}	29	5,806	27,460	4,784	9,581	18,727	76,782	117,661	45,473
.40 to .49.....										
.50 to .59.....										
.60 to .69.....										
.70 to .79.....	}	40	3,372	17,466	2,492	4,895	10,922	27,655	56,903	28,731
.80 to .89.....										
.90 and above.....										
.10 to .19.....										
.20 to .29.....	}	26	2,294	9,850	1,829	3,432	6,667	13,435	29,832	14,207
.30 to .39.....										
.40 to .49.....										
.50 to .59.....										
.60 to .69.....	}	26	2,294	9,850	1,829	3,432	6,667	13,435	29,832	14,207
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
INDUSTRY 3635.--HOUSEHOLD VACUUM CLEANERS										
Total.....	34	5,682	35,524	4,235	8,208	22,670	116,137	175,357	65,315	5,739
Below .10.....	}	12	5,325	33,793	3,973	7,703	21,704	113,496	168,880	61,515
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	11	243	1,122	181	349	680	2,118	4,767	2,657
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}	0	-	-	-	-	-	-	-	-
.90 and above.....										
.10 to .19.....	}	11	114	609	81	156	286	523	1,710	1,143
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)
		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
INDUSTRY 3631.--HOUSEHOLD COOKING EQUIPMENT										
Total.....	69	18,152	89,239	14,101	28,160	60,331	181,091	364,852	183,761	4,002
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	19	8,043	31,459	6,089	12,165	28,007	107,000	200,509	93,509	1,637
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	14	5,534	24,887	4,285	8,477	17,554	46,594	99,469	52,875	1,284
.60 to .69.....	11	2,544	12,131	1,962	3,958	8,524	18,648	35,908	17,260	635
.70 to .79.....	15	1,567	6,072	1,371	2,724	4,789	7,809	23,703	15,894	248
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3632.--HOUSEHOLD REFRIGERATORS										
Total.....	26	41,493	221,439	33,177	65,592	167,352	433,369	1,002,302	568,933	9,870
Below .10.....	16	33,647	184,526	26,770	53,174	137,804	390,105	836,208	446,103	7,821
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	10	7,846	36,913	6,407	12,418	29,548	43,264	166,094	122,830	2,049
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
INDUSTRY 3633.--HOUSEHOLD LAUNDRY EQUIPMENT										
Total.....	39	24,597	134,263	18,021	35,751	89,586	324,480	738,920	414,440	7,219
Below .10.....	17	19,174	110,633	13,733	27,515	72,644	293,069	631,520	338,451	6,132
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	22	5,423	23,630	4,288	8,236	16,942	31,411	107,400	75,989	1,087
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
INDUSTRY 3634.--ELECTRIC HOUSEWARES AND FANS										
Total.....	311	29,150	128,150	22,477	42,804	84,557	301,033	559,090	258,057	9,985
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	20	1,992	8,976	1,582	2,985	6,795	55,817	77,100	21,283	719
.20 to .29.....	34	1,321	4,932	1,043	1,946	3,372	19,826	40,434	20,608	520
.30 to .39.....	28	3,333	14,045	2,684	5,108	9,049	41,437	69,544	28,107	864
.40 to .49.....	59	9,195	46,622	6,731	12,475	28,261	97,155	176,641	79,486	5,158
.50 to .59.....	42	5,190	20,811	4,042	8,025	13,892	39,209	79,498	40,289	1,164
.60 to .69.....	35	4,408	18,230	3,400	6,691	12,233	28,369	62,240	33,871	827
.70 to .79.....	23	3,142	12,998	2,526	4,753	9,243	16,489	44,469	27,980	494
.80 to .89.....										
.90 and above.....										
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3635.--HOUSEHOLD VACUUM CLEANERS										
Total.....	27	5,330	29,863	3,750	7,454	17,956	84,180	142,020	57,840	2,217
Below .10.....	12	3,987	23,106	2,967	5,959	14,986	75,742	118,966	43,224	1,928
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	15	1,343	6,757	783	1,495	2,970	8,438	23,054	14,616	289
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 3636.--SEWING MACHINES										
Total.....	86	7,646	51,962	5,844	12,136	36,303	98,328	117,157	30,567	2,568
Below .10.....	}	21	3,362	22,506	2,628	5,472	15,736	56,405	66,103	16,152
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	16	266	1,508	203	453	991	2,751	3,942	1,212
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}	11	379	2,339	323	754	1,891	3,642	5,037	1,380
.90 and above.....										
	13	3,569	25,222	2,635	5,337	17,408	35,213	41,156	11,169	867
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3639.--HOUSEHOLD APPLIANCES, N.E.C.										
Total.....	112	13,127	81,590	9,896	19,929	54,286	204,188	435,458	233,073	6,738
Below .10.....	}	14	2,024	12,390	1,649	3,345	8,605	55,845	96,870	43,173
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	18	3,281	19,111	2,540	5,025	13,231	54,400	103,920	49,247
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}	24	1,925	11,139	1,245	2,446	6,136	25,440	66,407	40,730
.90 and above.....										
	24	4,587	31,947	3,450	7,127	21,961	55,737	139,099	83,718	2,263
	13	781	4,548	595	1,165	2,973	5,890	17,156	11,118	148
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3641.--ELECTRIC LAMPS										
Total.....	81	23,404	122,721	20,461	40,256	99,476	362,235	574,522	207,016	17,040
Below .10.....	}	21	8,156	42,888	7,443	14,447	36,933	188,674	291,990	97,434
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	12	6,547	34,517	5,863	11,639	29,508	100,644	165,826	63,164
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}	18	1,036	4,702	825	1,574	3,267	9,798	19,985	11,249
.90 and above.....										
	20	6,803	36,305	5,552	10,993	26,115	57,881	85,909	29,698	2,178
	10	862	4,309	778	1,603	3,653	5,238	10,812	5,471	1,784
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3642.--LIGHTING FIXTURES										
Total.....	1,239	53,866	288,148	42,052	83,284	193,464	587,834	1,159,497	578,062	23,072
Below .10.....	}	44	356	1,626	278	549	1,182	9,704	14,741	5,371
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	102	4,865	22,998	3,727	7,292	15,040	90,209	167,126	77,850
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}	134	4,445	22,829	3,494	7,169	15,552	61,951	129,507	67,273
.90 and above.....										
	303	11,593	56,328	9,195	17,501	37,137	126,118	256,538	132,587	3,812
	206	16,434	98,989	12,809	26,294	67,265	184,706	329,659	149,313	9,327
	146	8,889	47,320	7,001	13,750	32,132	73,798	152,071	78,683	2,001
	77	3,017	16,151	2,363	4,512	10,376	21,675	48,541	26,252	952
	39	1,459	7,525	1,093	2,197	4,831	8,881	22,024	12,348	151
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3643.--CURRENT CARRYING DEVICES										
Total.....	449	35,424	175,185	27,239	53,474	115,097	355,643	615,980	257,175	14,119
Below .10.....	}	24	1,008	5,239	832	1,667	3,925	31,936	45,954	14,012
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	28	878	4,653	606	1,175	2,853	19,485	28,198	8,844
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	}	82	3,512	18,241	2,689	5,291	11,707	48,787	76,610	28,859
.90 and above.....										
	48	9,373	48,652	6,480	12,915	29,721	106,818	165,260	60,520	4,093
	56	8,307	40,417	6,817	13,343	28,423	75,343	129,873	53,977	2,786
	61	4,659	21,527	3,713	7,365	13,957	33,303	63,347	30,033	903
	30	1,389	5,882	1,206	2,214	4,525	8,032	14,806	6,719	149
	23	2,932	12,052	2,509	4,695	8,941	13,747	28,051	13,130	1,498
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 3636.--SEWING MACHINES											
Total.....	85	9,607	48,314	7,004	13,343	32,782	61,991	109,314	47,323	5,380	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	10	298	1,509	258	527	1,230	5,153	5,898	745	
.20 to .29.....		10	1,152	5,012	891	1,705	3,509	12,059	29,162	17,103	
.30 to .39.....		}	21	834	5,067	462	926	2,496	7,645	9,854	2,209
.40 to .49.....	}		21	477	2,507	387	760	1,726	3,340	4,236	896
.50 to .59.....			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.60 to .69.....		}	21	477	2,507	387	760	1,726	3,340	4,236	896
.70 to .79.....	}		21	477	2,507	387	760	1,726	3,340	4,236	896
.80 to .89.....			}	21	477	2,507	387	760	1,726	3,340	4,236
.90 and above.....		(*)		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3639.--HOUSEHOLD APPLIANCES, N.E.C.											
Total.....	94	14,622	79,658	10,102	19,985	47,367	162,664	378,758	216,094	4,365	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	12	2,127	11,174	1,539	2,931	6,121	45,419	83,991	38,572	
.20 to .29.....		}	11	1,128	6,134	797	1,533	3,693	16,162	35,772	19,610
.30 to .39.....			}	14	2,483	15,360	1,650	3,225	8,167	31,936	74,425
.40 to .49.....	}			18	2,578	14,624	1,891	4,139	9,418	25,674	64,910
.50 to .59.....		}		14	2,914	15,521	2,001	3,914	9,735	24,055	60,526
.60 to .69.....			}	10	2,279	11,207	1,538	2,997	6,868	13,872	41,204
.70 to .79.....	}			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		}		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3641.--ELECTRIC LAMPS											
Total.....	66	21,495	95,298	18,236	35,119	73,625	270,498	417,516	147,018	8,276	
Below .10.....	}	17	6,234	27,283	5,539	10,533	22,511	118,495	179,978	61,433	
.10 to .19.....		}	33	3,960	47,466	9,837	18,734	38,583	127,508	201,357	73,849
.20 to .29.....			}	16	11,301	20,549	2,860	5,852	12,531	24,495	36,231
.30 to .39.....	}			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.40 to .49.....		}		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.50 to .59.....			}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.60 to .69.....	}			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....		}		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....			}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3642.--LIGHTING FIXTURES											
Total.....	1,181	47,309	215,829	36,443	71,605	143,786	397,378	826,595	429,217	14,415	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	45	263	671	233	382	533	4,229	8,214	3,985	121	
.20 to .29.....	100	2,190	7,090	1,656	2,946	4,887	27,408	54,690	27,282	1,046	
.30 to .39.....	157	4,880	20,639	3,732	7,013	13,301	58,633	115,566	56,933	1,434	
.40 to .49.....	180	6,514	28,699	5,126	9,938	19,570	63,741	132,705	68,964	2,630	
.50 to .59.....	204	14,467	70,060	11,403	22,154	48,797	124,105	243,923	119,818	4,101	
.60 to .69.....	163	9,012	43,693	6,887	13,913	27,774	67,859	141,030	73,171	2,523	
.70 to .79.....	95	5,087	24,863	3,792	7,957	15,549	33,206	70,432	37,226	1,839	
.80 to .89.....	46	1,630	6,923	1,291	2,662	4,487	8,157	18,549	10,392	165	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3643.--CURRENT CARRYING DEVICES											
Total.....	423	35,692	155,976	26,556	51,612	100,229	300,836	501,309	200,473	9,629	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	27	588	2,425	457	912	1,714	14,021	18,646	4,625	499	
.20 to .29.....	36	1,258	5,092	907	1,702	3,181	19,356	30,897	11,541	364	
.30 to .39.....	51	2,026	8,836	1,588	3,049	5,897	24,033	36,369	12,336	691	
.40 to .49.....	54	7,357	30,851	5,856	11,172	21,524	67,326	104,553	37,227	1,668	
.50 to .59.....	82	9,060	39,947	6,445	12,700	23,681	72,977	119,784	48,807	2,400	
.60 to .69.....	60	9,291	41,312	6,643	12,153	25,312	63,636	113,248	49,612	2,463	
.70 to .79.....	30	3,806	18,311	2,931	6,002	12,956	25,620	39,443	13,823	674	
.80 to .89.....	19	757	2,639	585	1,153	1,719	3,155	6,456	3,301	157	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new		
		Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)		
	INDUSTRY 3644.--NONCURRENT CARRYING DEVICES											
Total.....	182	20,290	123,576	14,756	29,691	79,605	253,918	479,033	226,499	7,873		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	}	19	309	1,887	224	456	1,229	9,265	14,814	5,774	826	
.20 to .29.....		25	3,129	20,773	2,117	4,427	12,767	57,692	97,790	41,357	1,554	
.30 to .39.....		35	5,844	36,406	4,229	8,589	23,027	78,447	143,639	66,625	2,356	
.40 to .49.....		47	7,553	44,833	5,539	10,963	29,058	80,154	154,828	73,090	2,390	
.50 to .59.....	}	20	2,078	12,146	1,536	3,137	8,389	18,962	36,949	17,642	428	
.60 to .69.....		16	826	4,171	696	1,384	3,095	5,458	21,654	16,161	112	
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
	INDUSTRY 3651.--RADIO AND TV RECEIVING SETS											
Total.....	348	81,264	411,924	66,538	128,463	289,287	911,954	2,254,878	1,389,412	30,511		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	}	21	9,270	39,946	8,208	16,394	31,225	212,545	533,222	335,406	4,477	
.20 to .29.....		30	7,504	35,531	6,258	11,767	25,670	102,235	233,309	137,481	2,535	
.30 to .39.....		44	27,048	135,528	23,200	43,053	98,030	274,931	726,403	468,317	10,090	
.40 to .49.....		98	15,629	90,112	12,157	24,400	62,727	169,301	344,539	177,942	8,881	
.50 to .59.....	}	40	10,125	52,894	7,677	15,369	33,591	81,439	212,215	129,760	1,848	
.60 to .69.....		19	7,557	37,946	6,010	11,292	25,193	51,756	148,945	96,819	1,531	
.70 to .79.....		14	816	3,426	678	1,234	2,135	4,109	10,764	6,330	56	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
	INDUSTRY 3652.--PHONOGRAPH RECORDS											
Total.....	167	9,554	46,981	7,566	15,022	32,976	125,388	180,173	54,087	8,704		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	}	26	2,701	12,854	2,119	4,086	9,079	64,314	81,398	16,832	2,055	
.20 to .29.....		51	1,899	9,554	1,421	2,873	6,087	28,358	38,603	10,731	1,296	
.30 to .39.....		22	1,055	4,492	942	1,792	3,646	10,247	15,369	5,436	710	
.40 to .49.....		15	442	2,109	391	838	1,775	3,909	6,722	2,805	121	
.50 to .59.....	}	11	624	2,829	480	959	1,995	4,409	6,964	2,755	186	
.60 to .69.....		12	1,600	8,080	1,254	2,561	6,111	9,676	17,571	7,589	496	
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
	INDUSTRY 3661.--TELEPHONE; TELEGRAPH APPARATUS											
Total.....	90	89,465	554,375	63,983	122,707	358,741	1,013,792	1,736,358	704,187	55,127		
Below .10.....	}	39	34,900	194,121	25,799	48,953	130,085	449,255	743,840	300,383	21,283	
.10 to .19.....		}	31	50,387	337,168	36,482	70,543	221,795	545,207	947,422	378,436	33,234
.20 to .29.....			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.30 to .39.....			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.40 to .49.....	14		604	2,417	480	800	1,609	15,038	20,508	6,270	313	
.50 to .59.....	}	37	2,758	14,320	1,858	3,530	8,025	55,718	97,289	40,023	877	
.60 to .69.....		86	22,190	149,837	12,442	26,959	65,743	416,600	637,996	239,184	9,261	
.70 to .79.....		111	17,927	107,470	10,686	21,145	50,580	239,428	368,774	141,059	6,364	
.80 to .89.....		174	78,548	567,494	35,135	70,723	192,900	997,349	1,490,097	547,101	38,395	
.90 and above.....	}	251	117,591	869,298	63,260	130,106	403,411	1,346,993	2,150,207	802,577	33,745	
		112	56,566	444,299	29,746	61,198	205,976	596,832	955,844	346,035	21,375	
		62	34,911	268,865	16,788	33,889	105,722	314,816	702,764	365,122	9,024	
		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
	INDUSTRY 3662.--RADIO, TV COMMUNICATIONS EQUIPMENT											
Total.....	1,132	387,384	2,840,218	205,698	419,121	1,230,671	4,327,671	7,145,600	2,822,882	138,734		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	}	14	604	2,417	480	800	1,609	15,038	20,508	6,270	313	
.20 to .29.....		37	2,758	14,320	1,858	3,530	8,025	55,718	97,289	40,023	877	
.30 to .39.....		86	22,190	149,837	12,442	26,959	65,743	416,600	637,996	239,184	9,261	
.40 to .49.....		111	17,927	107,470	10,686	21,145	50,580	239,428	368,774	141,059	6,364	
.50 to .59.....	}	174	78,548	567,494	35,135	70,723	192,900	997,349	1,490,097	547,101	38,395	
.60 to .69.....		251	117,591	869,298	63,260	130,106	403,411	1,346,993	2,150,207	802,577	33,745	
.70 to .79.....		112	56,566	444,299	29,746	61,198	205,976	596,832	955,844	346,035	21,375	
.80 to .89.....		62	34,911	268,865	16,788	33,889	105,722	314,816	702,764	365,122	9,024	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)	
		Total	Payroll	Total	Man-hours	Wages					
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)					
INDUSTRY 3644.--NONCURRENT CARRYING DEVICES											
Total.....	150	19,722	101,382	14,574	28,741	67,772	214,607	413,758	199,151	9,976	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	16	1,070	5,466	963	1,974	4,727	24,244	56,318	32,074	352
.20 to .29.....		21	2,887	13,531	2,249	4,419	9,521	35,899	67,896	31,997	1,544
.30 to .39.....		25	5,681	27,687	4,029	7,647	18,689	65,579	107,148	41,569	2,216
.40 to .49.....		26	4,660	26,249	3,420	7,030	17,440	47,831	95,458	47,627	2,812
.50 to .59.....		27	3,986	21,247	2,831	5,487	12,501	33,054	60,375	27,321	1,385
.60 to .69.....	}	10	871	4,363	634	1,269	2,871	5,456	12,887	7,431	355
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3651.--RADIO AND TELEVISION RECEIVING SETS											
Total.....	234	66,505	292,664	52,047	100,487	196,565	593,953	1,548,006	954,053	13,323	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	27	6,875	28,901	6,149	11,933	22,088	116,237	260,392	144,155	828
.20 to .29.....		26	7,062	29,402	5,477	10,344	19,130	88,243	206,793	118,550	1,677
.30 to .39.....		33	12,855	58,250	10,397	20,370	40,599	138,819	349,685	210,866	3,824
.40 to .49.....		33	9,381	43,340	7,086	13,909	27,568	77,308	206,940	129,632	809
.50 to .59.....		39	14,266	64,694	10,862	21,280	42,506	99,546	236,184	136,638	1,919
.60 to .69.....	}	24	5,047	20,876	3,988	7,524	13,882	27,667	105,162	77,495	353
.70 to .79.....		11	4,556	19,316	3,627	7,078	14,349	22,691	70,908	48,217	1,087
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3652.--PHONOGRAPH RECORDS											
Total.....	94	7,421	33,381	5,858	12,158	23,739	93,079	148,731	55,652	4,011	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	16	2,805	13,129	2,100	4,406	8,818	51,179	77,819	26,640	978
.20 to .29.....		22	1,134	5,209	915	1,777	3,605	12,118	19,047	6,929	626
.30 to .39.....		16	625	3,071	521	1,047	2,320	5,758	10,410	4,652	406
.40 to .49.....		15	1,545	6,517	1,277	2,773	5,035	10,514	20,850	10,336	281
.50 to .59.....		10	500	2,284	351	754	1,572	2,854	5,334	2,480	312
.60 to .69.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3661.--TELEPHONE; TELEGRAPH APPARATUS											
Total.....	91	80,061	430,739	54,340	105,522	268,869	715,511	1,207,955	492,444	102,810	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	22	3,302	17,200	2,353	4,450	11,260	51,594	98,183	46,589	1,385
.20 to .29.....		18	24,648	125,517	17,748	34,975	85,181	255,926	436,174	180,248	18,290
.30 to .39.....		17	32,173	178,278	19,446	36,337	88,532	266,779	414,729	147,950	25,157
.40 to .49.....		15	19,620	109,743	12,058	23,635	162,974	141,212	258,869	117,657	7,846
.50 to .59.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.60 to .69.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3662.--RADIO, TV COMMUNICATIONS EQUIPMENT											
Total.....	519	154,350	924,071	88,523	178,315	433,648	1,558,261	2,852,617	1,294,356	56,147	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	14	1,162	4,919	440	562	855	11,539	15,750	4,211	173	
.20 to .29.....	31	3,534	13,817	2,179	3,783	7,330	58,243	165,472	107,229	1,270	
.30 to .39.....	50	8,991	52,255	6,226	13,587	32,376	139,738	250,136	110,398	1,982	
.40 to .49.....	67	22,750	142,152	10,561	21,623	51,216	322,635	613,939	291,304	6,324	
.50 to .59.....	79	34,014	187,913	18,849	38,549	86,027	341,080	580,275	239,195	12,917	
.60 to .69.....	92	36,192	226,259	21,818	43,154	113,530	347,388	637,510	290,122	15,139	
.70 to .79.....	45	25,200	169,552	14,916	29,848	78,178	225,066	341,415	116,349	10,671	
.80 to .89.....	37	4,898	25,831	3,514	7,735	15,952	30,285	58,612	28,327	960	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 3671.--ELECTRON TUBES, RECEIVING TYPE											
Total.....	42	25,850	136,768	20,357	37,670	88,463	250,681	321,091	76,109	5,596	
Below .10.....	}	23	10,781	8,743	15,907	35,786	129,684	164,153	33,061	1,686	
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....	}	19	15,069	83,993	11,614	21,763	52,677	120,997	156,938	43,048	3,910
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....	}										
.90 and above.....											
INDUSTRY 3672.--CATHODE RAY PICTURE TUBES											
Total.....	151	10,916	66,888	7,958	16,634	40,468	128,354	269,122	142,111	16,138	
Below .10.....	}	28	4,267	28,101	2,730	5,829	14,094	71,115	109,031	38,046	4,969
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....	}	17	3,253	19,262	2,673	5,438	14,124	34,143	93,804	60,544	2,767
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....	}	22	1,479	8,678	1,009	2,059	4,651	12,992	34,038	21,896	6,665
.90 and above.....											
	25	309	1,423	252	502	1,109	1,866	3,884	1,918	691	
	20	80	352	69	150	295	423	890	470	173	
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3673.--ELECTRON TUBES, TRANSMITTING											
Total.....	57	18,704	129,296	11,631	24,027	72,406	204,614	299,527	96,311	13,262	
Below .10.....	}	18	1,939	10,217	1,359	2,508	5,594	27,250	42,234	15,751	766
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....	}	29	15,887	112,076	9,631	20,177	61,868	172,137	246,639	76,518	11,717
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....	}										
.90 and above.....											
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3674.--SEMICONDUCTORS											
Total.....	107	56,349	320,875	37,548	77,113	168,504	467,035	687,817	199,384	52,439	
Below .10.....	}	23	6,391	35,910	3,876	7,892	15,873	83,431	105,253	24,220	5,384
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....	}	17	9,107	52,521	6,415	12,208	28,319	92,849	126,259	31,907	11,244
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....	}	19	17,961	100,680	11,803	24,710	51,259	151,896	218,871	64,841	20,138
.90 and above.....											
	22	11,419	65,552	7,489	16,274	35,776	82,221	125,674	39,188	6,502	
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3679.--ELECTRONIC COMPONENTS, N.E.C.											
Total.....	1,934	176,708	881,920	133,412	261,707	550,845	1,457,433	2,332,215	889,488	88,508	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	38	1,649	7,789	1,177	2,350	4,705	50,676	73,903	22,987	593	
.20 to .29.....	86	1,760	6,891	1,389	2,837	4,683	28,047	43,899	16,037	1,241	
.30 to .39.....	137	11,684	56,557	9,481	18,362	40,211	156,166	230,384	79,793	6,315	
.40 to .49.....	164	20,028	100,664	15,290	29,689	65,611	219,535	332,624	120,173	10,904	
.50 to .59.....	477	33,858	156,373	25,345	51,126	97,854	287,424	437,995	153,640	12,954	
.60 to .69.....	323	52,219	264,621	39,829	77,755	171,776	404,267	611,425	210,624	16,087	
.70 to .79.....	199	17,887	84,176	14,405	27,753	55,293	113,204	179,069	65,603	5,060	
.80 to .89.....	128	15,397	73,102	11,708	22,621	44,538	87,167	155,238	66,148	5,535	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)		
		Total	Payroll	Total	Man-hours	Wages						
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)						
INDUSTRY 3671.--ELECTRON TUBES, RECEIVING TYPE												
Total.....	85	36,968	149,540	30,931	57,271	110,707	285,799	382,526	96,727	11,514		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	}	16	2,695	10,346	2,400	4,541	8,905	38,306	43,281	3,825		
.20 to .29.....		18	10,686	38,607	9,609	16,765	32,198	97,688	127,312	29,624		
.30 to .39.....		}	19	14,390	61,780	11,879	22,194	44,529	107,479	141,125	33,646	
.40 to .49.....			11	3,949	16,209	2,780	5,269	9,311	20,070	32,833	12,763	
.50 to .59.....			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.60 to .69.....	}	75	8,554	38,092	6,955	14,183	27,570	67,472	159,252	91,780	1,794	
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....		}	26	2,326	9,681	1,916	3,856	7,289	23,723	45,961	22,238	498
.90 and above.....			36	5,087	23,044	4,104	8,467	16,491	39,195	93,621	54,426	974
			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3672.--CATHODE RAY PICTURE TUBES												
Total.....	48	20,146	102,150	14,475	29,472	65,134	165,803	258,474	92,671	9,021		
Below .10.....	}	16	4,609	19,929	3,816	7,176	15,376	45,129	60,649	15,520	3,669	
.10 to .19.....		}	32	15,537	82,221	10,659	22,296	49,758	120,674	197,825	77,151	5,352
.20 to .29.....												
.30 to .39.....												
.40 to .49.....												
.50 to .59.....												
.60 to .69.....												
.70 to .79.....												
.80 to .89.....												
.90 and above.....												
INDUSTRY 3673.--ELECTRON TUBES, TRANSMITTING												
Total.....	1,479	132,242	564,021	102,881	201,387	367,326	914,811	1,445,684	530,873	50,306		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	30	132	293	110	189	243	1,827	2,758	931	440		
.20 to .29.....	104	3,279	13,536	2,739	5,472	10,322	51,792	70,091	18,299	2,944		
.30 to .39.....	142	9,911	41,901	7,733	15,733	28,621	116,147	179,696	63,549	5,063		
.40 to .49.....	153	14,597	55,324	12,232	23,646	39,728	120,728	184,738	64,010	6,102		
.50 to .59.....	187	20,057	86,814	15,487	30,291	57,199	158,678	238,250	79,572	8,526		
.60 to .69.....	231	31,056	129,844	24,016	46,691	84,841	199,278	311,966	112,688	7,981		
.70 to .79.....	182	26,018	112,547	20,381	39,840	74,365	151,467	240,359	88,892	7,321		
.80 to .89.....	115	8,498	36,095	6,785	13,634	23,886	42,794	71,791	28,997	1,943		
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
INDUSTRY 3679.--ELECTRONIC COMPONENTS, N.E.C.												

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 3691.--STORAGE BATTERIES											
Total.....	252	17,512	108,700	13,871	28,444	80,237	244,152	516,457	275,629	11,968	
Below .10.....	}	44	2,474	12,700	2,101	3,987	10,464	48,777	96,054	48,375	1,828
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....	46	3,578	22,158	2,854	6,012	17,344	63,226	126,658	63,860	2,259	
.50 to .59.....	50	3,272	21,186	2,497	5,116	14,054	46,112	93,413	47,561	1,940	
.60 to .69.....	38	5,336	35,836	4,258	8,712	27,417	66,738	139,047	73,627	2,290	
.70 to .79.....	15	1,154	7,313	912	1,988	5,303	11,612	33,423	22,117	426	
.80 to .89.....	}	17	791	4,260	607	1,313	2,733	5,214	14,727	8,753	979
.90 and above.....											
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3692.--PRIMARY BATTERIES, DRY AND WET											
Total.....	46	8,478	40,602	6,791	13,615	29,029	113,787	195,298	80,302	4,132	
Below .10.....	}	27	5,733	27,483	4,545	9,153	19,246	93,176	152,653	59,543	3,640
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....	}	19	2,745	13,119	2,246	4,462	9,783	20,611	42,645	20,759	492
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....	}	19	2,745	13,119	2,246	4,462	9,783	20,611	42,645	20,759	492
.90 and above.....											
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3693.--X-RAY APPARATUS AND TUBES											
Total.....	58	6,236	43,796	3,430	6,921	20,124	86,534	143,706	56,916	2,132	
Below .10.....	}	21	3,632	26,047	1,998	3,955	12,142	58,850	83,302	24,852	1,401
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....	}	37	2,604	17,749	1,432	2,966	7,982	27,684	60,404	32,064	731
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....	}	37	2,604	17,749	1,432	2,966	7,982	27,684	60,404	32,064	731
.90 and above.....											
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3694.--ENGINE ELECTRICAL EQUIPMENT											
Total.....	182	40,559	250,202	32,697	66,903	184,438	496,662	900,663	398,039	15,490	
Below .10.....	}	16	562	2,823	478	914	2,082	11,610	22,887	12,319	585
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....	14	4,735	27,792	3,396	6,549	15,781	80,133	131,769	52,357	2,226	
.50 to .59.....	39	5,444	34,649	4,596	9,459	26,969	80,860	167,451	87,563	2,932	
.60 to .69.....	28	19,817	135,746	16,440	34,730	106,350	255,772	430,342	171,861	7,570	
.70 to .79.....	28	5,578	28,488	4,287	8,378	19,595	43,235	87,712	39,683	1,261	
.80 to .89.....	17	2,083	11,773	1,396	2,759	6,245	15,730	32,123	16,115	527	
.90 and above.....	10	1,863	7,167	1,597	3,059	5,338	8,553	22,465	12,827	252	
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3699.--ELECTRICAL PRODUCTS, N.E.C.											
Total.....	350	10,923	51,215	8,492	16,496	33,355	101,221	190,038	88,970	3,271	
Below .10.....	}	17	967	5,127	766	1,524	3,595	19,767	30,724	10,663	476
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....	30	1,425	6,189	1,242	2,401	4,614	17,780	33,018	15,221	269	
.50 to .59.....	29	1,800	8,846	1,391	2,667	5,883	19,647	33,935	15,455	598	
.60 to .69.....	104	1,817	8,259	1,490	2,852	5,719	15,281	30,792	15,394	354	
.70 to .79.....	18	1,241	5,140	1,038	2,010	3,702	8,162	17,463	9,626	137	
.80 to .89.....	}	33	2,546	13,057	1,671	3,300	6,637	17,177	29,181	11,944	1,311
.90 and above.....											
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)
		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
INDUSTRY 3691.--STORAGE BATTERIES										
Total.....	276	14,924	76,961	11,787	23,205	55,459	150,061	368,993	218,932	7,330
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	12	22	45	19	29	38	331	805	474	253
.20 to .29.....	41	839	3,381	676	1,223	2,680	13,639	26,590	12,951	1,657
.30 to .39.....	59	2,916	13,969	2,385	4,645	11,031	38,580	98,365	59,785	1,616
.40 to .49.....	47	2,084	10,050	1,677	3,394	7,896	23,026	59,139	36,113	1,750
.50 to .59.....	35	3,524	18,216	2,915	5,787	14,096	33,666	82,319	48,653	845
.60 to .69.....	32	2,750	14,194	2,136	4,285	10,294	21,822	55,283	33,461	772
.70 to .79.....	14	2,637	16,465	1,863	3,631	8,971	18,569	44,357	25,788	(*)
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3692.--PRIMARY BATTERIES, DRY AND WET										
Total.....	42	8,096	34,025	6,498	13,236	24,455	75,431	138,215	62,784	2,343
Below .10.....	20	3,001	12,013	2,509	4,893	9,232	38,796	59,503	20,707	1,590
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	22	5,095	22,012	3,989	8,343	15,223	36,635	78,712	42,077	(*)
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....	13	559	3,085	359	707	1,656	4,149	7,785	3,636	125
.90 and above.....										
INDUSTRY 3693.--X-RAY APPARATUS AND TUBES										
Total.....	126	5,258	30,686	3,012	5,856	14,308	58,436	95,090	36,654	1,371
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	14	116	433	98	175	365	2,206	2,884	678	25
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	20	2,568	17,295	1,209	2,366	6,534	32,233	53,137	20,904	559
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3694.--ENGINE ELECTRICAL EQUIPMENT										
Total.....	157	38,127	195,983	29,530	56,394	135,775	353,534	606,518	252,984	8,344
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	23	350	1,436	265	493	985	5,427	8,388	2,961	203
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	23	14,439	77,031	11,773	22,412	57,636	133,540	211,272	77,732	3,100
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3699.--ELECTRICAL PRODUCTS, N.E.C.										
Total.....	259	10,259	39,342	8,182	15,776	26,342	73,581	165,388	91,807	1,304
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	13	231	739	194	367	480	4,433	6,729	2,296	33
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	31	1,221	5,356	1,015	1,932	3,979	14,739	26,409	11,670	262
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 3713.--TRUCK AND BUS BODIES											
Total.....	610	24,466	133,300	19,729	40,897	98,359	229,472	476,733	250,217	6,554	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	13	112	670	102	201	605	5,095	5,882	814	62	
.20 to .29.....	32	706	3,192	582	1,205	2,481	13,130	16,678	4,112	189	
.30 to .39.....	51	687	3,562	583	1,185	2,817	10,205	16,795	7,112	456	
.40 to .49.....	67	2,755	14,815	2,242	4,993	11,330	32,977	64,776	32,878	677	
.50 to .59.....	81	7,553	42,455	6,140	12,207	32,124	76,937	162,403	88,287	2,603	
.60 to .69.....	166	6,602	36,621	5,331	11,590	26,341	56,253	119,908	64,345	1,472	
.70 to .79.....	59	2,835	15,156	2,211	4,506	10,712	20,403	43,708	23,210	438	
.80 to .89.....	31	682	3,994	540	1,119	2,801	4,703	11,805	7,110	269	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3715.--TRUCK TRAILERS											
Total.....	197	19,429	112,876	15,455	30,896	81,703	205,475	515,661	309,463	5,265	
Below .10.....	}	12	888	5,299	749	1,441	4,025	19,624	39,820	20,505	227
.10 to .19.....		16	1,584	8,842	1,329	2,708	7,051	25,411	61,538	35,996	655
.20 to .29.....		19	3,511	20,555	2,848	5,616	15,530	44,046	103,003	58,578	572
.30 to .39.....		49	5,934	35,932	4,624	9,110	25,076	63,689	158,473	94,629	2,187
.40 to .49.....	}	33	2,857	15,819	2,274	4,810	11,682	24,951	61,171	36,763	984
.50 to .59.....		27	2,301	13,466	1,774	3,667	9,406	17,706	46,506	28,850	234
.60 to .69.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3717.--MOTOR VEHICLES AND PARTS											
Total.....	1,958	649,926	4,947,271	535,842	1,192,606	3,889,636	12,345,630	36,181,007	23,889,431	643,555	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	70	34,060	285,043	27,354	67,850	224,110	1,795,108	6,464,284	4,692,743	44,045	
.20 to .29.....	159	66,181	542,287	53,753	126,951	421,158	2,242,171	7,495,980	5,254,362	91,766	
.30 to .39.....	204	95,135	747,600	78,689	177,917	588,630	2,040,893	5,278,952	3,255,521	101,359	
.40 to .49.....	289	152,654	1,134,529	128,631	279,595	910,439	2,576,017	6,608,789	4,061,563	137,686	
.50 to .59.....	431	161,244	1,207,705	132,650	291,243	950,170	2,216,829	5,991,275	3,782,742	126,388	
.60 to .69.....	275	85,014	643,649	70,107	154,960	507,582	1,002,094	2,518,812	1,542,537	70,250	
.70 to .79.....	144	36,298	262,278	29,087	62,968	196,434	346,497	956,170	612,795	29,344	
.80 to .89.....	72	4,370	24,514	3,704	7,588	19,725	29,234	74,103	46,097	3,588	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3721.--AIRCRAFT ^{7 8}											
Total.....	100	302,201	2,369,416	166,744	342,120	1,097,103	3,542,695	6,316,531	2,773,836	114,658	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	75	267,479	2,256,622	148,197	305,538	1,042,667	3,152,625	5,503,980	2,351,355	94,415
.20 to .29.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.30 to .39.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.40 to .49.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.50 to .59.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.60 to .69.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.70 to .79.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3722.--AIRCRAFT ENGINES AND PARTS											
Total.....	232	190,834	1,486,081	105,890	222,000	705,727	2,244,317	4,100,520	1,876,762	111,529	
Below .10.....	}	25	6,354	41,540	4,894	9,992	29,545	111,889	155,208	45,626	2,266
.10 to .19.....		34	37,381	281,977	21,480	45,234	143,369	485,796	935,575	452,925	11,289
.20 to .29.....		62	73,273	526,758	41,074	85,837	260,739	820,633	1,616,339	773,735	52,014
.30 to .39.....		55	52,122	455,633	24,979	53,280	178,235	629,679	986,976	395,331	33,216
.40 to .49.....	}	27	11,747	92,652	5,881	12,721	40,502	106,352	214,163	107,683	8,770
.50 to .59.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.60 to .69.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)	
		Total	Payroll	Total	Man-hours	Wages					
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)					
INDUSTRY 3713.--TRUCK AND BUS BODIES											
Total.....	562	20,009	91,374	15,938	30,741	65,405	145,608	307,769	162,161	3,627	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	13	73	178	63	91	147	1,205	1,951	746	15	
.20 to .29.....	20	636	2,367	574	1,112	2,099	8,612	11,751	3,139	39	
.30 to .39.....	43	1,077	3,914	921	1,571	3,062	11,197	17,997	6,800	209	
.40 to .49.....	63	1,130	5,272	852	1,628	3,512	11,642	24,159	12,517	264	
.50 to .59.....	88	4,295	19,592	3,393	6,499	14,175	34,741	70,178	35,437	889	
.60 to .69.....	98	5,040	24,217	3,934	7,788	17,194	37,339	81,321	43,982	855	
.70 to .79.....	62	3,653	16,824	2,971	5,786	11,787	22,504	48,222	25,718	767	
.80 to .89.....	39	1,212	5,755	953	1,860	4,053	6,932	16,154	9,222	69	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3715.--TRUCK TRAILERS											
Total.....	170	15,669	78,142	12,090	24,564	55,390	131,140	334,724	203,584	5,072	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	42	3,689	18,240	2,921	6,015	13,300	46,211	102,639	56,428	819
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....	28	2,270	11,357	1,785	3,494	8,135	19,884	48,167	28,283	855	
.70 to .79.....	24	5,400	27,453	4,151	8,533	19,918	42,461	115,155	72,694	1,710	
.80 to .89.....	24	1,793	8,779	1,400	2,745	6,292	11,789	32,431	20,642	960	
.90 and above.....	15	697	3,397	479	1,036	2,043	3,982	11,117	7,135	567	
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3717.--MOTOR VEHICLES AND PARTS											
Total.....	1,560	546,037	3,169,173	433,982	858,440	2,374,447	6,504,510	20,830,059	14,325,549	334,068	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	79	13,924	70,513	11,392	20,747	55,521	429,365	2,078,673	1,649,308	19,663	
.20 to .29.....	147	46,377	259,855	37,356	71,574	198,377	1,088,323	3,789,013	2,700,690	40,882	
.30 to .39.....	165	52,551	294,136	41,585	79,488	218,125	851,104	2,676,845	1,825,741	20,329	
.40 to .49.....	218	79,495	474,471	62,182	124,595	347,938	1,075,629	3,369,090	2,293,461	39,208	
.50 to .59.....	222	111,929	652,749	89,479	179,813	493,568	1,193,229	3,149,735	1,956,506	44,784	
.60 to .69.....	221	107,383	632,589	87,495	177,357	488,040	976,722	2,783,953	1,807,231	62,226	
.70 to .79.....	135	54,886	322,830	43,948	85,982	241,493	428,697	1,392,017	963,320	29,073	
.80 to .89.....	85	20,560	116,259	15,834	31,545	85,616	137,398	333,576	196,178	10,324	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3721.--AIRCRAFT ^{7 8}											
Total.....	127	377,383	2,340,306	251,249	508,195	1,334,705	3,399,163	6,438,067	3,038,904	94,167	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	23	1,185	5,960	784	1,613	3,594	17,592	24,018	6,426	1,397
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....	12	49,246	295,969	29,957	59,264	150,487	535,254	835,771	300,517	9,062	
.70 to .79.....	28	184,914	1,142,555	125,644	252,403	670,961	1,716,574	3,460,148	1,743,574	38,432	
.80 to .89.....	16	85,044	553,048	56,079	114,700	313,613	745,040	1,343,155	598,115	25,382	
.90 and above.....	20	38,627	228,194	26,575	54,890	135,973	262,187	578,762	316,575	18,974	
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3722.--AIRCRAFT ENGINES AND PARTS											
Total.....	223	159,094	999,237	94,531	194,858	509,724	1,615,671	3,512,073	1,896,402	55,883	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	17	7,787	45,000	4,686	9,449	25,045	155,057	405,604	250,547	465
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....	13	14,863	85,732	9,282	19,022	48,986	184,911	331,683	146,772	1,026	
.70 to .79.....	34	21,042	128,173	13,704	28,176	72,579	236,520	592,572	356,052	7,816	
.80 to .89.....	53	52,667	312,354	33,266	68,551	173,369	495,283	1,094,108	598,825	19,115	
.90 and above.....	42	49,312	338,135	25,738	53,075	147,177	449,609	899,674	450,065	19,953	
	23	4,717	32,628	2,288	4,854	12,325	39,196	63,586	24,390	4,684	
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 3723.--AIRCRAFT PROPELLERS AND PARTS											
Total.....	14	11,183	78,712	6,231	13,515	37,666	113,433	190,761	69,829	6,045	
Below .10.....	}	14	11,183	78,712	6,231	13,515	37,666	113,433	199,761	60,829	6,045
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
INDUSTRY 3729.--AIRCRAFT EQUIPMENT, N.E.C.											
Total.....	1,000	175,167	1,319,476	111,430	232,819	745,501	1,966,904	3,168,607	1,167,527	61,931	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	10	41	291	34	57	237	2,183	2,537	347	110	
.20 to .29.....	41	308	1,688	243	503	1,232	6,850	9,657	3,036	256	
.30 to .39.....	65	2,349	15,254	1,561	3,211	9,024	42,014	70,404	28,466	869	
.40 to .49.....	114	26,365	205,206	16,767	35,358	124,644	441,670	687,647	243,611	8,124	
.50 to .59.....	200	18,928	138,161	13,866	29,696	97,449	241,514	388,462	144,349	9,711	
.60 to .69.....	168	47,136	362,746	30,504	62,272	201,144	548,003	811,750	268,800	16,024	
.70 to .79.....	111	34,717	254,154	21,555	44,162	133,767	337,949	520,516	179,800	7,916	
.80 to .89.....	58	22,415	169,446	13,233	28,103	89,861	202,026	346,955	141,209	8,879	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3731.--SHIP BUILDING AND REPAIRING ^{7 8}											
Total.....	334	114,649	782,299	96,527	193,512	610,250	1,009,690	1,679,765	670,075	24,477	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	35	2,512	13,686	2,083	4,019	10,339	33,333	55,458	22,125	1,300
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
INDUSTRY 3732.--BOAT BUILDING AND REPAIRING											
Total.....	1,626	24,861	116,140	20,867	42,011	91,443	183,059	360,208	183,207	13,472	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	12	41	128	37	72	123	790	825	130	55	
.20 to .29.....	74	749	3,164	573	1,141	2,259	12,143	17,368	6,309	2,738	
.30 to .39.....	118	1,149	4,937	1,042	2,240	4,422	14,082	21,934	8,584	1,078	
.40 to .49.....	144	3,310	14,514	2,845	5,398	11,350	31,536	59,433	28,831	1,476	
.50 to .59.....	185	5,186	25,728	4,511	9,248	21,632	45,902	86,979	43,404	1,754	
.60 to .69.....	261	4,470	20,726	3,768	7,636	16,490	31,597	60,461	30,590	2,429	
.70 to .79.....	198	3,480	16,756	2,860	5,932	12,959	22,336	44,040	22,854	1,796	
.80 to .89.....	81	1,620	7,993	1,401	2,963	6,511	9,524	21,664	12,121	539	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3741.--LOCOMOTIVES AND PARTS											
Total.....	24	14,337	99,696	10,648	20,803	67,405	186,241	437,872	249,785	7,195	
Below .10.....	}	14	12,277	86,869	9,169	18,053	58,596	168,933	356,174	187,147	5,831
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)					(\$1,000)
INDUSTRY 3723.--AIRCRAFT PROPELLERS AND PARTS											
Total.....	18	15,505	85,635	9,617	19,363	49,478	112,301	235,270	122,969	5,107	
Below .10.....	}	18	15,505	85,635	9,617	19,363	49,478	112,301	235,270	122,969	5,107
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
INDUSTRY 3729.--AIRCRAFT EQUIPMENT, N.E.C.											
Total.....	1,201	213,500	1,294,872	144,102	296,671	781,914	1,797,203	3,031,089	1,233,886	50,991	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	39	316	1,234	289	493	1,102	7,398	8,025	627	253	
.20 to .29.....	83	951	3,993	797	1,525	3,213	15,294	18,123	2,829	644	
.30 to .39.....	97	2,750	14,649	1,805	3,941	9,095	41,386	71,134	29,748	1,561	
.40 to .49.....	106	7,101	40,067	4,920	9,984	25,124	88,327	146,633	58,306	3,338	
.50 to .59.....	190	23,519	149,133	14,748	32,273	83,746	273,101	419,874	146,773	8,652	
.60 to .69.....	219	44,867	266,491	32,289	66,165	180,733	402,891	633,403	230,512	10,500	
.70 to .79.....	158	72,037	457,483	43,678	91,806	238,394	614,853	993,008	378,155	12,666	
.80 to .89.....	89	19,935	114,518	15,014	29,604	76,153	138,696	226,078	87,382	5,366	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3731.--SHIP BUILDING AND REPAIRING ^{7 8}											
Total.....	319	119,147	669,826	101,153	197,707	537,814	913,687	1,625,624	711,937	38,737	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	20	1,080	5,617	993	3,127	4,772	19,372	26,340	6,968	545
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
INDUSTRY 3732.--BOAT BUILDING AND REPAIRING											
Total.....	1,651	25,295	103,603	21,156	40,346	81,356	157,309	329,009	171,700	15,298	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	39	103	327	93	144	286	1,950	2,735	785	110	
.20 to .29.....	99	593	2,106	528	952	1,710	8,273	12,941	4,668	522	
.30 to .39.....	134	1,512	5,310	1,224	2,199	4,175	14,948	23,332	8,384	1,043	
.40 to .49.....	168	2,551	10,644	2,175	4,263	8,590	23,531	43,180	19,649	837	
.50 to .59.....	218	4,760	21,362	4,165	7,952	17,542	38,463	70,752	32,289	3,731	
.60 to .69.....	216	5,091	21,160	4,359	8,772	16,997	32,627	67,673	35,046	1,952	
.70 to .79.....	138	3,292	13,371	2,796	5,251	10,746	17,907	34,501	16,594	983	
.80 to .89.....	92	1,260	4,852	1,054	1,937	3,701	5,775	12,872	7,097	1,554	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3741.--LOCOMOTIVES AND PARTS											
Total.....	25	15,282	90,097	10,742	21,092	58,332	152,086	407,540	255,454	5,275	
Below .10.....	}	25	15,282	90,097	10,742	21,092	58,332	152,086	407,540	255,454	5,275
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											

See footnotes at end of table.

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 3742.--RAILROAD AND STREET CARS											
Total.....	78	30,742	201,999	24,254	47,246	150,135	355,230	927,184	591,023	10,877	
Below .10.....	}	27	8,478	56,260	6,936	13,658	43,673	136,664	324,685	206,650	3,150
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....	}	17	7,057	47,218	5,375	10,659	33,552	86,812	237,524	153,664	3,021
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....	}	21	8,221	53,726	6,587	12,708	41,119	63,473	232,554	167,545	2,081
.90 and above.....											
INDUSTRY 3751.--MOTORCYCLES, BICYCLES, AND PARTS											
Total.....	88	9,662	48,425	7,912	15,152	34,398	82,245	192,851	112,157	3,152	
Below .10.....	}	19	1,303	5,803	1,082	2,045	4,175	15,269	40,708	26,842	162
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....	}	45	7,201	36,775	6,008	11,474	26,311	62,319	135,879	75,768	2,898
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....											
INDUSTRY 3791.--TRAILER COACHES											
Total.....	413	25,669	125,002	21,901	43,390	94,078	232,460	713,119	482,751	9,584	
Below .10.....	}	13	778	3,075	697	1,416	2,380	11,779	23,976	12,335	139
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....	}	26	2,839	13,101	2,391	4,774	10,280	36,854	95,613	59,655	1,067
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....	}	111	4,867	22,208	4,162	8,272	17,040	34,305	115,483	81,452	2,155
.90 and above.....											
INDUSTRY 3799.--TRANSPORTATION EQUIPMENT, N.E.C.											
Total.....	522	8,032	37,547	6,652	13,183	27,788	68,823	167,375	99,379	3,710	
Below .10.....	}	11	127	606	121	232	568	3,489	4,221	743	84
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....	}	40	378	1,641	331	660	1,384	6,451	10,986	4,733	265
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....	}	23	357	1,680	285	532	1,223	1,976	7,283	5,166	151
.90 and above.....											
INDUSTRY 3811.--SCIENTIFIC INSTRUMENTS											
Total.....	594	33,084	208,171	22,184	44,584	119,836	358,588	553,920	200,034	16,244	
Below .10.....	}	20	267	1,251	195	405	834	8,974	12,973	3,590	84
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....	}	57	1,668	8,295	1,244	2,464	5,658	24,661	39,352	15,543	533
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....	}	34	1,480	8,542	1,034	2,026	5,563	10,251	19,448	8,522	393
.90 and above.....											

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
INDUSTRY 3821.--MECHANICAL MEASURING DEVICES										
Total.....	670	62,353	388,874	40,383	81,510	222,826	732,529	1,143,416	415,855	30,914
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	20	1,378	6,965	924	1,870	4,083	52,627	69,746	18,818	589
.20 to .29.....	45	1,607	8,065	1,313	2,601	6,509	30,992	46,229	15,250	2,747
.30 to .39.....	68	4,138	24,563	2,894	5,716	15,597	68,553	97,804	31,023	1,618
.40 to .49.....	103	12,357	76,612	7,777	15,558	42,266	167,634	253,567	84,445	4,738
.50 to .59.....	119	10,360	63,399	7,155	14,166	38,547	117,065	172,744	61,693	4,091
.60 to .69.....	87	21,096	139,362	13,671	28,604	80,258	219,581	354,911	138,943	10,947
.70 to .79.....	55	3,707	23,821	2,210	4,342	11,923	31,592	48,823	16,854	1,176
.80 to .89.....	26	1,465	9,086	1,149	2,223	6,661	11,062	20,711	9,744	682
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3822.--AUTOMATIC TEMPERATURE CONTROLS										
Total.....	104	31,685	192,301	22,299	45,459	122,154	379,091	527,358	158,091	10,523
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	32	7,888	42,989	5,959	12,221	30,168	119,082	169,626	53,585	2,995
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	24	13,156	93,111	8,808	18,313	58,678	156,112	210,569	61,479	4,145
.60 to .69.....	17	7,444	46,202	4,846	9,628	27,336	73,159	103,465	32,053	2,286
.70 to .79.....	10	541	2,821	414	890	2,057	3,693	5,749	1,936	94
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3831.--OPTICAL INSTRUMENTS AND LENSES										
Total.....	280	11,924	79,131	8,306	16,728	47,149	131,917	196,022	66,557	6,163
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	13	44	144	35	69	112	901	1,184	295	55
.20 to .29.....	16	404	2,130	282	563	1,233	8,146	10,391	2,354	604
.30 to .39.....	19	185	1,111	135	265	608	3,027	4,026	1,103	108
.40 to .49.....	26	986	6,461	658	1,284	3,377	14,093	19,632	5,931	272
.50 to .59.....	73	4,017	28,460	2,588	5,294	15,315	50,668	72,124	23,224	2,340
.60 to .69.....	53	3,284	21,523	2,421	4,925	14,399	33,238	47,361	15,497	1,693
.70 to .79.....	21	611	3,874	488	984	2,819	5,229	7,473	2,502	262
.80 to .89.....	15	1,282	9,124	893	1,817	5,328	10,578	22,911	10,996	683
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3841.--SURGICAL AND MEDICAL INSTRUMENTS										
Total.....	294	15,145	83,332	11,538	22,916	52,520	168,556	284,014	126,856	10,514
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	22	1,142	4,656	993	2,028	3,613	27,615	37,253	11,749	1,641
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	35	3,259	18,068	2,534	5,178	12,294	51,310	72,313	25,991	3,540
.60 to .69.....	29	1,464	7,729	1,172	2,373	5,289	16,707	25,180	9,685	1,680
.70 to .79.....	59	2,263	11,866	1,715	3,424	7,400	21,856	38,929	17,473	948
.80 to .89.....	31	1,465	7,597	1,083	2,153	4,710	11,873	20,645	9,526	490
.90 and above.....	32	1,814	9,877	1,320	2,519	6,154	13,130	20,529	8,161	402
	14	401	2,074	344	706	1,601	2,469	4,383	1,869	137
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3842.--SURGICAL APPLIANCES AND SUPPLIES										
Total.....	704	28,267	161,800	18,987	37,904	85,790	370,273	596,666	230,054	17,831
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	20	1,508	8,821	1,265	2,484	6,937	49,201	73,771	24,628	939
.20 to .29.....	74	2,225	13,953	1,534	3,068	8,292	55,668	88,554	32,589	4,374
.30 to .39.....	80	3,394	17,752	2,457	4,912	9,480	49,893	76,375	27,499	1,473
.40 to .49.....	95	5,620	34,403	3,525	7,303	17,674	74,376	120,259	48,704	3,733
.50 to .59.....	180	8,173	51,745	4,701	9,274	21,073	95,240	151,981	56,969	6,078
.60 to .69.....	99	3,544	17,829	2,750	5,541	11,490	27,185	48,887	22,093	603
.70 to .79.....	45	1,654	6,298	1,230	2,329	4,139	8,262	12,078	3,818	117
.80 to .89.....	34	589	2,797	452	831	1,824	3,304	6,301	2,922	61
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)				
INDUSTRY 3821.--MECHANICAL MEASURING DEVICES										
Total.....	627	50,049	258,488	32,123	62,982	144,873	457,126	726,823	269,697	18,215
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	24	368	1,342	277	459	845	7,920	13,855	5,935	233
.20 to .29.....	44	1,102	4,264	949	1,784	3,360	16,730	25,632	8,902	584
.30 to .39.....	65	4,477	22,206	3,457	6,713	15,582	60,695	91,555	30,860	1,979
.40 to .49.....	75	7,614	37,526	4,800	9,774	21,754	83,112	122,196	39,084	3,793
.50 to .59.....	99	8,416	44,815	5,796	11,665	27,347	80,891	123,923	43,032	4,847
.60 to .69.....	105	16,290	87,504	9,855	18,930	45,726	135,979	212,788	76,809	4,498
.70 to .79.....	62	5,873	29,709	3,383	6,761	14,939	40,520	68,199	27,679	1,351
.80 to .89.....	40	2,732	14,815	1,581	3,330	7,129	17,346	29,370	12,024	285
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3822.--AUTOMATIC TEMPERATURE CONTROLS										
Total.....	83	25,513	128,974	18,049	35,599	81,083	258,969	359,430	100,461	5,989
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	27	13,131	66,663	9,383	18,689	42,233	155,541	207,426	51,885	3,438
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	31	10,184	50,274	7,131	13,848	31,416	85,020	120,856	35,836	1,840
.50 to .59.....										
.60 to .69.....										
.70 to .79.....	13	1,475	8,381	1,025	2,011	5,534	10,555	18,334	7,779	510
.80 to .89.....										
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3831.--OPTICAL INSTRUMENTS AND LENSES										
Total.....	224	7,184	37,586	5,141	10,485	23,459	60,387	102,966	42,579	3,438
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	11	36	116	32	54	100	693	929	263	19
.20 to .29.....	24	305	1,175	255	471	901	4,595	5,601	1,006	143
.30 to .39.....	20	239	1,149	202	333	914	3,285	4,633	1,348	183
.40 to .49.....	22	302	1,421	195	360	742	3,267	4,760	1,493	411
.50 to .59.....	21	854	4,893	506	1,042	2,585	8,454	13,922	5,468	249
.60 to .69.....	43	3,103	16,097	2,277	4,624	10,483	25,126	43,801	18,675	954
.70 to .79.....	24	1,492	8,570	993	2,137	4,639	11,230	22,131	10,901	1,341
.80 to .89.....	14	339	1,566	261	528	1,120	1,872	2,585	713	39
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3841.--SURGICAL AND MEDICAL INSTRUMENTS										
Total.....	231	10,293	44,878	8,061	16,162	31,039	85,153	130,477	45,324	2,812
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	27	228	933	156	310	539	3,934	5,862	1,928	67
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	25	2,245	9,129	1,859	3,709	7,586	25,354	34,331	8,977	281
.50 to .59.....	26	1,064	4,103	836	1,678	2,919	9,283	13,312	4,030	695
.60 to .69.....	37	1,936	8,733	1,469	2,780	5,344	15,696	25,379	9,683	1,033
.70 to .79.....	36	2,956	13,486	2,322	4,848	9,086	20,502	33,495	12,993	474
.80 to .89.....	21	962	4,564	684	1,354	2,641	6,219	9,751	3,532	120
.90 and above.....	13	271	1,260	187	367	746	1,533	3,051	1,518	19
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3842.--SURGICAL APPLIANCES AND SUPPLIES										
Total.....	590	24,179	114,867	16,277	31,460	62,122	257,640	461,846	204,206	9,110
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	30	503	1,831	414	798	1,496	10,334	14,730	4,396	204
.20 to .29.....	55	2,819	13,837	2,159	4,217	10,054	58,093	106,793	48,700	1,108
.30 to .39.....	71	1,870	8,027	1,339	2,487	4,313	22,906	38,467	15,561	582
.40 to .49.....	80	5,534	28,437	3,105	6,016	12,812	63,431	109,526	46,095	1,870
.50 to .59.....	85	5,717	31,011	3,533	6,967	13,558	55,360	101,273	45,913	3,552
.60 to .69.....	74	2,690	12,257	1,897	3,709	6,933	18,879	35,571	16,692	960
.70 to .79.....	47	1,823	6,666	1,420	2,711	4,324	9,048	16,454	7,406	356
.80 to .89.....	29	1,476	6,045	1,159	2,190	4,507	7,215	12,101	4,886	161
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
	INDUSTRY 3843.--DENTAL EQUIPMENT AND SUPPLIES									
Total.....	316	8,008	46,080	5,751	11,211	27,144	95,876	147,805	52,767	2,735
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	12	22	92	17	29	68	564	716	149	7
.20 to .29.....	27	1,013	4,322	899	1,668	3,342	16,957	23,221	6,710	915
.30 to .39.....	45	1,145	6,498	821	1,588	4,088	17,895	27,105	9,058	193
.40 to .49.....	57	1,424	8,227	966	1,905	4,631	18,450	28,523	10,720	330
.50 to .59.....	53	1,611	9,756	1,122	2,203	5,221	17,733	27,495	10,056	454
.60 to .69.....	37	2,036	12,701	1,402	2,813	7,338	19,750	31,381	11,324	656
.70 to .79.....	}	25	427	2,329	323	629	1,516	3,004	4,754	1,679
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	INDUSTRY 3851.--OPHTHALMIC GOODS									
Total.....	229	20,296	96,361	16,467	32,771	68,954	177,898	272,687	96,611	9,085
Below .10.....	}	11	495	2,244	341	685	1,559	10,213	15,312	5,749
.10 to .19.....		22	2,374	10,368	1,749	3,541	6,869	28,917	46,490	19,545
.20 to .29.....		23	3,665	17,261	3,227	6,190	13,251	39,917	56,550	15,943
.30 to .39.....	}	74	3,397	14,845	2,808	5,391	10,453	26,824	43,526	17,484
.40 to .49.....		44	8,093	41,562	6,443	13,081	29,075	60,896	88,502	27,186
.50 to .59.....		23	1,507	6,768	1,292	2,736	5,359	8,782	15,598	6,463
.60 to .69.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	INDUSTRY 3861.--PHOTOGRAPHIC EQUIPMENT									
Total.....	538	64,937	498,828	39,248	77,753	251,566	1,270,132	1,851,213	580,544	78,626
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	21	766	4,967	529	1,149	2,672	39,622	56,793	16,835	2,426
.20 to .29.....	50	4,084	26,199	2,999	6,576	18,507	97,056	162,432	59,239	8,846
.30 to .39.....	108	22,637	198,504	12,932	25,180	97,220	552,731	709,358	158,878	38,585
.40 to .49.....	69	7,719	51,091	4,943	9,773	27,526	115,055	196,875	82,012	8,011
.50 to .59.....	65	7,864	50,299	4,606	8,974	22,244	92,892	170,438	80,044	4,131
.60 to .69.....	61	10,296	86,691	5,994	11,724	41,042	139,121	200,853	62,127	6,589
.70 to .79.....	32	1,081	6,957	671	1,340	4,014	9,154	14,826	6,160	212
.80 to .89.....	27	4,581	32,088	2,931	5,370	16,065	37,547	76,425	35,019	1,713
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	INDUSTRY 3871.--WATCHES AND CLOCKS									
Total.....	167	27,047	144,179	20,983	41,171	92,404	288,053	511,168	230,348	8,730
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	11	588	3,523	418	908	2,538	19,795	27,024	7,479	122
.20 to .29.....	11	457	2,204	294	598	1,165	9,143	23,954	15,282	186
.30 to .39.....	33	2,757	11,371	2,148	4,183	7,434	31,607	62,648	31,556	993
.40 to .49.....	21	8,381	42,618	6,576	12,775	27,088	93,794	155,190	64,748	2,258
.50 to .59.....	25	7,773	43,759	6,281	12,463	28,571	76,228	139,925	66,944	3,113
.60 to .69.....	18	3,535	20,569	2,602	5,228	13,281	31,903	51,114	21,013	1,043
.70 to .79.....	}	16	3,160	18,157	2,348	4,374	11,026	23,910	46,027	20,065
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	INDUSTRY 3872.--WATCHCASES									
Total.....	53	2,706	13,415	2,302	4,548	10,375	19,218	33,620	13,391	500
Below .10.....	}	11	227	1,176	201	372	961	2,637	4,445	1,752
.10 to .19.....		16	503	2,619	441	834	2,163	4,233	7,746	3,510
.20 to .29.....		13	1,762	8,516	1,478	2,999	6,403	11,564	18,952	6,663
.30 to .39.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.40 to .49.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.50 to .59.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.60 to .69.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)
		Total	Payroll	Total	Man-hours	Wages				
		(number)	(\$1,000)	(number)	(1,000)	(\$1,000)				
INDUSTRY 3843.--DENTAL EQUIPMENT AND SUPPLIES										
Total.....	249	7,242	34,773	5,227	10,188	21,077	71,574	115,667	44,093	1,517
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	15	24	66	21	31	60	407	601	194	12
.20 to .29.....	35	855	3,134	759	1,502	2,587	11,715	16,546	4,831	214
.30 to .39.....	30	1,017	4,638	816	1,512	3,538	12,724	20,183	7,459	367
.40 to .49.....	29	879	4,197	543	1,050	1,836	9,876	18,273	8,397	124
.50 to .59.....	41	2,091	11,539	1,418	2,894	6,571	21,481	34,829	13,348	568
.60 to .69.....	28	1,044	5,260	737	1,468	3,018	8,255	11,073	2,818	115
.70 to .79.....	}	25	853	606	1,149	2,207	4,984	7,181	2,197	70
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3851.--OPHTHALMIC GOODS										
Total.....	246	18,223	71,465	15,272	29,988	53,525	136,696	194,446	57,750	5,367
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	10	44	186	42	78	179	1,044	2,751	1,707	9
.20 to .29.....	25	409	1,613	325	612	1,021	6,297	8,797	2,500	176
.30 to .39.....	25	4,085	15,526	3,688	7,329	12,983	45,208	56,558	11,350	1,539
.40 to .49.....	34	1,238	4,424	1,031	2,051	3,178	9,647	15,657	6,010	509
.50 to .59.....	35	1,772	6,827	1,396	2,712	4,580	12,609	21,962	9,353	376
.60 to .69.....	37	6,905	29,808	5,603	11,042	21,906	45,628	60,787	15,159	2,141
.70 to .79.....	28	2,381	7,744	2,020	3,913	5,606	10,453	17,783	7,330	450
.80 to .89.....	18	659	2,624	556	1,125	1,875	3,151	5,200	2,049	88
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3861.--PHOTOGRAPHIC EQUIPMENT										
Total.....	480	60,262	368,970	38,542	74,256	201,597	788,750	1,204,905	416,155	46,770
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	19	201	916	170	332	731	6,410	11,174	4,764	257
.20 to .29.....	45	2,687	13,960	1,725	3,508	7,768	54,391	92,348	37,957	4,382
.30 to .39.....	63	5,010	26,344	3,570	6,898	16,265	72,543	114,976	42,433	2,319
.40 to .49.....	60	26,242	170,917	15,276	28,689	87,502	411,147	556,345	145,198	23,692
.50 to .59.....	81	8,497	46,419	5,697	12,113	26,867	82,107	153,846	71,739	2,976
.60 to .69.....	60	12,412	80,151	8,418	15,311	44,478	118,282	191,459	73,177	11,801
.70 to .79.....	49	2,754	17,361	1,873	3,848	9,533	23,372	43,923	20,551	724
.80 to .89.....	32	1,016	5,716	734	1,465	3,510	6,708	15,521	8,813	224
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3871.--WATCHES AND CLOCKS										
Total.....	168	23,505	106,739	18,308	36,080	70,808	165,158	334,928	169,770	4,607
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	27	2,710	8,404	2,493	4,788	6,923	33,877	54,180	20,303
.20 to .29.....		22	1,099	4,686	926	1,837	3,683	13,774	20,705	6,931
.30 to .39.....		11	387	1,704	284	484	878	3,990	6,548	2,558
.40 to .49.....	}	20	808	3,502	611	1,181	2,132	6,368	14,729	8,361
.50 to .59.....		30	6,819	30,578	5,016	10,149	19,321	47,047	95,592	48,545
.60 to .69.....		17	4,407	23,606	3,208	6,284	13,786	32,051	69,103	37,052
.70 to .79.....	}	12	2,717	13,489	2,092	4,126	9,163	16,372	33,469	17,097
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3872.--WATCHCASES										
Total.....	61	2,652	12,574	2,227	4,352	9,434	18,398	34,660	16,262	203
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	47	2,207	9,495	1,856	3,669	7,883	16,380	30,265	13,885
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}									
.50 to .59.....										
.60 to .69.....										
.70 to .79.....	}									
.80 to .89.....										
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 3911.--JEWELRY, PRECIOUS METAL											
Total.....	1,438	23,551	125,610	17,455	35,601	79,251	234,925	481,943	248,405	3,676	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	39	513	3,390	331	686	1,507	19,665	68,183	51,806	79	
.20 to .29.....	85	1,351	6,528	1,081	2,241	4,549	27,194	39,130	12,104	469	
.30 to .39.....	128	1,106	5,027	795	1,608	3,246	14,515	29,390	14,943	187	
.40 to .49.....	158	3,488	18,225	2,496	4,926	11,714	40,069	72,641	33,114	771	
.50 to .59.....	290	5,592	27,682	4,380	8,687	18,788	49,789	98,258	48,541	846	
.60 to .69.....	168	3,090	15,794	2,382	4,654	10,543	24,397	50,175	26,072	448	
.70 to .79.....	138	3,197	18,071	2,363	4,715	11,116	24,562	50,893	26,237	318	
.80 to .89.....	82	3,556	22,567	2,345	5,467	12,003	27,409	47,601	19,394	400	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3912.--JEWELERS' FINDINGS AND MATERIALS											
Total.....	228	4,816	20,836	3,924	7,684	14,001	33,958	72,833	38,816	1,308	
Below .10.....	}	25	85	296	71	136	244	1,263	439	54	
.10 to .19.....											
.20 to .29.....											
.30 to .39.....		11	137	494	120	251	403	1,348	2,582	1,326	89
.40 to .49.....		25	731	3,140	623	1,227	2,285	6,771	20,461	13,727	169
.50 to .59.....		38	536	2,379	404	773	1,384	4,350	10,369	6,057	125
.60 to .69.....		42	1,620	6,897	1,269	2,475	4,397	10,635	19,935	9,211	594
.70 to .79.....		33	1,153	5,260	968	1,936	3,641	7,150	12,424	5,274	221
.80 to .89.....		15	228	940	197	369	664	1,118	1,977	873	33
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3913.--LAPIDARY WORK											
Total.....	318	1,535	8,289	1,239	2,265	6,085	16,129	65,094	45,706	393	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	12	65	232	52	105	161	1,849	13,510	11,415	3	
.20 to .29.....	28	91	322	84	149	292	1,251	2,781	1,168	19	
.30 to .39.....	11	68	414	42	81	269	1,174	6,684	5,821	17	
.40 to .49.....	26	275	2,074	189	363	1,196	4,574	16,376	11,925	161	
.50 to .59.....	46	288	1,252	248	450	947	2,350	4,955	2,051	72	
.60 to .69.....	24	90	612	83	157	543	931	3,378	2,330	11	
.70 to .79.....	10	139	920	115	206	700	1,253	2,658	1,372	8	
.80 to .89.....	11	27	113	22	34	103	135	244	50	1	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3914.--SILVERWARE AND PLATED WARE											
Total.....	209	13,249	70,924	10,888	22,140	54,775	130,735	237,999	108,895	2,738	
Below .10.....	}	21	1,036	4,519	855	1,657	3,609	11,561	7,778	116	
.10 to .19.....											
.20 to .29.....											
.30 to .39.....		21	727	3,735	649	1,316	3,189	10,988	20,831	10,258	88
.40 to .49.....		25	1,924	10,238	1,318	2,838	6,377	23,364	40,018	17,864	414
.50 to .59.....		51	4,696	25,826	3,885	7,802	19,952	48,103	85,558	38,516	1,329
.60 to .69.....		28	2,863	15,368	2,459	4,956	12,449	23,565	42,565	19,226	618
.70 to .79.....		14	1,069	6,434	971	2,064	5,574	8,480	19,354	10,580	125
.80 to .89.....		10	413	2,039	345	686	1,649	2,475	4,309	1,847	15
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3931.--MUSICAL INSTRUMENTS AND PARTS											
Total.....	320	20,095	103,029	16,664	33,600	76,471	179,035	314,407	143,136	5,779	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	13	51	197	44	87	158	1,561	1,727	463	65	
.20 to .29.....	16	342	1,318	289	552	1,029	5,373	9,563	4,081	180	
.30 to .39.....	29	2,731	14,714	1,943	4,043	8,028	41,362	58,866	22,283	685	
.40 to .49.....	28	1,734	6,952	1,555	3,194	5,655	15,276	23,480	9,610	344	
.50 to .59.....	68	5,762	29,698	4,819	9,788	22,193	54,952	103,587	51,651	2,941	
.60 to .69.....	38	2,637	13,764	2,237	4,400	10,686	21,013	36,462	16,529	318	
.70 to .79.....	38	2,995	16,714	2,586	5,395	13,403	22,823	36,004	13,292	423	
.80 to .89.....	18	1,342	8,758	1,059	2,155	6,523	10,167	16,203	6,617	298	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 3911.--JEWELRY, PRECIOUS METALS											
Total.....	1,302	21,196	95,134	15,924	30,749	60,726	166,579	327,251	160,672	3,461	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	94	323	1,037	277	466	835	6,716	10,095	3,379	141	
.20 to .29.....	131	618	1,871	524	919	1,353	7,470	13,110	5,640	419	
.30 to .39.....	165	1,577	8,107	1,068	1,995	4,699	22,728	56,374	33,646	494	
.40 to .49.....	136	2,776	10,931	2,214	4,083	7,881	25,383	44,460	19,077	1,062	
.50 to .59.....	175	3,173	13,301	2,306	4,388	8,248	23,893	44,731	20,838	203	
.60 to .69.....	163	4,282	19,100	3,316	6,551	12,496	29,017	56,304	27,287	312	
.70 to .79.....	120	3,949	18,918	2,939	5,897	11,869	25,674	49,132	23,458	209	
.80 to .89.....	75	2,895	15,037	1,977	4,165	8,242	18,015	31,541	13,526	156	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3912.--JEWELERS' FINDINGS AND MATERIALS											
Total.....	248	4,227	16,380	3,496	6,776	11,479	26,787	57,475	30,688	637	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	28	105	291	91	159	224	1,266	2,099	833	26
.20 to .29.....		22	96	278	84	149	237	818	2,084	1,266	39
.30 to .39.....		23	450	1,633	354	696	1,079	3,584	11,409	7,825	62
.40 to .49.....		45	893	3,690	733	1,408	2,591	6,629	12,779	6,150	159
.50 to .59.....		37	1,466	5,836	1,210	2,495	3,997	8,922	15,939	7,017	168
.60 to .69.....	}	31	798	3,152	673	1,287	2,312	4,105	8,515	4,410	118
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....											
.90 and above.....											
INDUSTRY 3913.--LAPIDARY WORK											
Total.....	326	1,904	8,061	1,629	2,985	6,154	14,605	40,428	25,823	253	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	33	111	267	96	159	218	1,825	3,940	2,115	16	
.20 to .29.....	46	102	269	91	131	248	1,118	3,655	2,537	17	
.30 to .39.....	29	87	304	78	146	280	876	2,160	1,284	86	
.40 to .49.....	31	114	563	90	167	459	1,277	5,310	4,033	11	
.50 to .59.....	39	362	1,714	322	604	1,375	3,065	5,461	2,396	42	
.60 to .69.....	31	318	1,409	286	531	1,237	2,148	3,388	1,240	27	
.70 to .79.....	}	34	256	1,292	192	396	767	1,674	5,448	3,774	17
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....											
INDUSTRY 3914.--SILVERWARE AND PLATED WARE											
Total.....		209	13,852	62,318	11,226	21,851	47,602	109,728	196,055	86,327	2,478
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	19	161	609	130	248	506	2,594	3,796	1,202	55
.20 to .29.....		22	926	3,887	778	1,495	3,180	11,227	22,405	11,178	163
.30 to .39.....		20	2,680	11,605	2,268	4,412	9,716	25,881	44,392	18,511	524
.40 to .49.....		20	1,831	8,264	1,317	2,499	5,218	14,582	24,571	9,989	179
.50 to .59.....		47	6,409	30,298	5,257	10,381	23,388	47,916	83,289	35,373	1,468
.60 to .69.....	}	36	1,239	5,189	993	1,920	3,628	6,769	12,032	5,263	58
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....											
.90 and above.....											
INDUSTRY 3931.--MUSICAL INSTRUMENTS AND PARTS											
Total.....	273	16,103	74,650	13,090	25,568	55,793	120,935	236,750	115,815	4,561	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	21	397	2,053	346	782	1,765	8,158	10,259	2,101	108
.20 to .29.....		19	465	2,234	362	711	1,592	6,545	32,587	26,042	77
.30 to .39.....		24	1,848	8,289	1,477	2,965	5,773	18,481	32,285	13,804	1,220
.40 to .49.....		42	2,240	10,459	1,851	3,616	7,714	18,968	34,847	15,879	236
.50 to .59.....		47	4,510	20,296	3,807	7,426	16,166	30,701	56,233	25,532	2,218
.60 to .69.....	}	38	1,713	8,301	1,393	2,739	6,216	10,988	16,127	5,139	271
.70 to .79.....		17	1,549	7,358	1,269	2,303	5,464	8,925	15,872	6,947	114
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....											

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new		
		Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)		
INDUSTRY 3941.--GAMES AND TOYS												
Total.....	797	51,835	206,744	44,031	84,425	145,243	444,101	796,631	362,235	27,728		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	40	658	2,350	516	966	1,450	15,229	23,547	8,726	815		
.20 to .29.....	59	1,886	6,823	1,502	2,837	4,388	26,002	46,088	21,021	1,566		
.30 to .39.....	91	11,305	49,106	9,555	19,784	32,712	135,510	223,269	91,723	6,720		
.40 to .49.....	199	12,309	47,968	10,293	19,057	31,975	108,661	197,885	93,943	7,509		
.50 to .59.....	105	7,332	26,530	6,204	11,850	19,286	48,816	90,401	40,847	2,094		
.60 to .69.....	88	8,710	36,079	7,446	14,026	25,833	55,324	109,070	56,898	3,841		
.70 to .79.....	49	4,428	17,723	3,893	7,266	13,794	24,492	48,450	23,920	2,741		
.80 to .89.....	26	2,580	11,197	2,359	4,448	9,290	12,871	26,283	13,466	1,725		
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
INDUSTRY 3942.--DOLLS												
Total.....	410	16,213	58,991	13,934	24,361	41,751	138,100	247,942	114,418	6,276		
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
.10 to .19.....	}	30	3,932	17,860	3,013	4,846	9,683	66,001	106,801	44,990	2,286	
.20 to .29.....		90	1,792	4,541	1,555	2,458	3,697	13,015	21,052	7,969	1,860	
.30 to .39.....		41	1,817	6,397	1,611	2,861	4,968	13,936	26,360	12,861	398	
.40 to .49.....		56	3,155	11,479	2,798	5,136	8,241	20,737	43,929	23,396	589	
.50 to .59.....	}	61	2,351	8,062	2,108	3,617	6,190	12,567	24,971	12,458	478	
.60 to .69.....		39	1,528	5,516	1,403	2,670	4,603	7,540	13,899	6,436	333	
.70 to .79.....		22	514	1,577	478	878	1,366	1,902	3,232	1,258	94	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
INDUSTRY 3943.--CHILDREN'S VEHICLES												
Total.....	64	4,542	19,436	3,796	7,595	14,275	35,304	77,507	41,609	1,858		
Below .10.....	}	11	1,270	5,349	1,018	1,977	3,638	13,768	25,838	11,712	884	
.10 to .19.....		}	35	2,928	12,676	2,479	5,028	9,626	20,897	47,050	26,736	964
.20 to .29.....												
.30 to .39.....												
.40 to .49.....												
.50 to .59.....	}	35	2,928	12,676	2,479	5,028	9,626	20,897	47,050	26,736	964	
.60 to .69.....												
.70 to .79.....												
.80 to .89.....												
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3949.--SPORTING AND ATHLETIC GOODS												
Total.....	1,419	40,543	175,777	32,514	62,703	123,306	360,980	704,718	345,968	15,289		
Below .10.....	}	47	875	5,099	548	1,060	2,569	35,452	50,779	14,083	674	
.10 to .19.....		}	116	2,187	9,550	1,524	2,910	6,077	38,353	59,138	22,782	751
.20 to .29.....			149	5,937	27,692	4,629	9,113	19,903	77,777	129,568	54,804	2,788
.30 to .39.....			185	6,444	28,556	5,209	10,238	20,692	63,170	108,197	48,649	4,540
.40 to .49.....	271		8,513	39,889	6,711	13,314	26,603	73,299	157,890	88,091	3,117	
.50 to .59.....	}	143	5,796	21,926	4,923	9,146	16,442	33,697	70,422	36,350	1,290	
.60 to .69.....		71	2,625	10,413	2,251	4,374	7,546	14,137	35,840	21,806	402	
.70 to .79.....		59	2,338	9,355	1,950	3,614	6,967	11,050	31,140	19,252	400	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)		
INDUSTRY 3951.--PENS AND MECHANICAL PENCILS												
Total.....	139	11,562	54,968	9,065	17,937	33,944	119,069	185,464	66,615	4,068		
Below .10.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....		}	14	1,174	3,618	881	1,869	2,086	22,183	28,865	6,676	461
.20 to .29.....			25	533	2,540	453	933	1,786	6,850	14,394	7,423	270
.30 to .39.....			19	3,573	20,291	2,636	5,209	11,075	44,295	63,908	19,527	1,738
.40 to .49.....	20		3,122	15,339	2,439	4,841	9,577	29,023	42,702	14,244	958	
.50 to .59.....	}	25	1,776	7,260	1,399	2,690	4,547	11,226	20,850	9,443	392	
.60 to .69.....		}	16	981	3,131	911	1,770	2,512	4,087	10,000	5,976	173
.70 to .79.....			}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....				(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)			(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)
		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
INDUSTRY 3941.--GAMES AND TOYS										
Total.....	854	42,972	149,725	35,999	68,007	106,577	288,863	544,056	255,193	16,513
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	48	303	839	232	378	537	5,290	7,767	2,477	438
.20 to .29.....	82	2,280	7,550	1,843	3,463	4,977	28,499	48,440	19,941	1,043
.30 to .39.....	81	2,666	9,103	2,159	3,931	6,159	25,716	50,909	25,193	1,015
.40 to .49.....	125	9,752	33,745	7,855	14,996	21,864	73,214	137,402	64,188	5,387
.50 to .59.....	145	13,526	48,952	11,393	21,707	34,589	89,408	161,604	72,196	3,878
.60 to .69.....	98	5,989	21,908	5,216	10,185	16,607	33,715	65,092	31,377	1,459
.70 to .79.....	56	3,845	13,092	3,349	6,117	10,224	17,700	31,345	13,645	550
.80 to .89.....	28	2,068	6,786	1,855	3,287	5,640	8,165	19,021	10,856	712
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3942.--DOLLS										
Total.....	485	13,860	43,984	12,196	22,709	33,877	77,149	161,924	84,775	5,469
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	22	193	326	168	280	277	2,009	2,950	941	66
.20 to .29.....	30	266	732	216	365	484	2,976	4,859	1,883	182
.30 to .39.....	48	889	2,493	724	1,349	1,881	6,873	15,411	8,538	134
.40 to .49.....	58	2,176	6,586	1,946	3,674	5,272	14,233	29,891	15,658	185
.50 to .59.....	82	2,603	8,714	2,293	4,310	6,448	15,846	32,727	16,881	3,545
.60 to .69.....	84	3,419	11,982	2,984	5,588	8,931	18,700	38,260	19,560	910
.70 to .79.....	40	1,554	5,088	1,366	2,529	4,031	6,919	14,027	7,108	235
.80 to .89.....	36	1,585	4,680	1,462	2,714	3,929	5,611	13,831	8,220	105
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3943.--CHILDREN'S VEHICLES										
Total.....	58	4,708	19,625	3,946	7,712	14,932	31,727	70,438	38,711	831
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	12	735	2,621	644	1,211	2,071	6,353	15,478	9,125	259
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	19	3,054	13,587	2,557	5,086	10,369	21,937	45,886	23,949	477
.50 to .59.....										
.60 to .69.....										
.70 to .79.....	11	433	1,675	360	710	1,333	2,127	4,511	2,384	17
.80 to .89.....										
.90 and above.....										
INDUSTRY 3949.--SPORTING AND ATHLETIC GOODS										
Total.....	1,210	37,164	148,477	29,735	57,370	104,342	314,059	577,815	263,756	15,106
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	48	194	538	166	294	417	3,397	5,207	1,810	151
.20 to .29.....	100	920	2,716	766	1,485	2,172	10,738	19,880	9,142	369
.30 to .39.....	130	8,067	39,255	5,690	11,569	25,563	107,358	167,330	59,972	2,706
.40 to .49.....	135	5,346	22,301	4,218	8,389	15,008	48,405	79,884	31,479	2,292
.50 to .59.....	192	9,558	36,767	7,898	14,992	26,321	66,819	123,726	56,907	1,858
.60 to .69.....	138	5,080	17,140	4,414	8,342	13,373	26,451	53,782	27,331	898
.70 to .79.....	81	3,070	10,463	2,591	4,900	8,007	14,208	35,287	21,079	574
.80 to .89.....	52	1,047	3,129	926	1,661	2,609	3,648	9,192	5,544	189
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3951.--PENS AND MECHANICAL PENCILS										
Total.....	147	11,179	45,856	8,519	16,234	27,869	90,197	150,279	60,082	3,829
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	17	199	518	167	331	434	2,863	4,794	1,931	32
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	34	4,342	18,122	3,378	6,706	11,112	44,047	66,596	22,549	1,803
.50 to .59.....										
.60 to .69.....										
.70 to .79.....	22	2,778	13,503	1,849	3,403	7,264	25,111	36,730	11,619	954
.80 to .89.....										
.90 and above.....										
.10 to .19.....	20	1,464	5,991	1,069	2,062	3,479	8,788	16,566	7,778	512
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	14	1,179	3,754	1,002	1,868	2,469	4,879	10,497	5,618	150
.50 to .59.....										
.60 to .69.....										
.70 to .79.....	14	1,179	3,754	1,002	1,868	2,469	4,879	10,497	5,618	150
.80 to .89.....										
.90 and above.....										

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 3952.--LEAD PENCILS AND ART GOODS											
Total.....	144	6,868	31,944	5,020	9,831	18,394	64,731	121,630	56,807	1,594	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	15	857	3,802	673	1,308	2,549	14,420	23,210	8,371	321	
.20 to .29.....		13	129	514	103	193	1,422	2,705	1,316	47	
.30 to .39.....		27	1,228	6,766	866	1,722	3,582	14,418	9,740	509	
.40 to .49.....	23	1,968	9,542	1,232	2,375	4,577	17,771	31,596	14,024	257	
.50 to .59.....		20	1,503	6,063	1,241	2,472	3,888	9,443	22,640	229	
.60 to .69.....		16	961	4,332	725	1,437	2,779	5,713	12,417	6,879	
.70 to .79.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3953.--MARKING DEVICES											
Total.....	616	7,625	41,367	5,257	10,657	24,950	85,572	126,845	41,670	2,204	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	17	419	1,708	357	671	1,428	9,877	14,263	4,792	254	
.20 to .29.....	48	590	3,479	325	600	1,317	16,529	21,118	4,421	310	
.30 to .39.....	52	337	1,379	223	448	860	3,854	5,441	1,622	116	
.40 to .49.....	79	1,125	6,023	758	1,559	3,346	13,229	22,100	8,914	382	
.50 to .59.....	94	1,151	5,456	829	1,730	3,645	10,131	14,774	4,710	226	
.60 to .69.....	100	1,723	10,131	1,131	2,332	6,039	15,488	22,540	7,162	356	
.70 to .79.....	58	1,523	8,595	1,118	2,279	5,362	11,566	16,835	5,286	383	
.80 to .89.....	19	248	1,463	174	362	982	1,755	2,632	829	36	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3955.--CARBON PAPER AND INKED RIBBONS											
Total.....	102	5,539	31,480	3,819	7,671	17,628	68,353	155,513	86,954	2,277	
Below .10.....	40	2,141	11,250	1,605	3,050	6,874	34,890	72,498	37,922	1,405	
.10 to .19.....		20	1,771	10,193	1,112	2,293	5,216	18,904	44,503	25,752	389
.20 to .29.....		12	1,004	6,256	664	1,438	3,469	9,965	26,398	15,920	247
.30 to .39.....	14	526	3,177	357	721	1,646	4,059	9,944	5,813	225	
.40 to .49.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.50 to .59.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.60 to .69.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3961.--COSTUME JEWELRY											
Total.....	912	21,655	85,268	18,225	34,535	59,760	150,999	280,478	132,422	3,825	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	36	157	444	139	270	384	3,250	6,178	3,201	104	
.20 to .29.....	74	495	1,420	415	769	1,081	5,933	11,033	5,308	292	
.30 to .39.....	75	2,004	8,349	1,633	3,046	5,626	25,415	38,413	14,927	477	
.40 to .49.....	206	3,734	12,958	3,113	5,715	9,003	28,652	53,587	25,720	1,082	
.50 to .59.....	110	2,227	10,621	1,782	3,582	6,506	19,161	35,993	17,061	455	
.60 to .69.....	119	4,319	17,742	3,738	7,323	12,379	27,638	51,144	23,388	639	
.70 to .79.....	73	5,084	20,713	4,222	7,988	15,202	27,384	50,719	23,494	429	
.80 to .89.....	49	1,416	4,860	1,258	2,336	3,616	5,792	12,610	6,683	138	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3962.--ARTIFICIAL FLOWERS											
Total.....	384	4,958	16,338	4,266	7,609	12,113	29,194	60,418	30,639	736	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	17	64	173	50	87	120	985	1,923	927	18	
.20 to .29.....	31	121	372	106	175	275	1,426	2,914	1,512	30	
.30 to .39.....	32	374	1,062	340	573	883	3,299	5,276	2,023	97	
.40 to .49.....	85	1,232	3,620	1,038	1,816	2,615	7,875	15,728	7,875	228	
.50 to .59.....	59	811	2,581	697	1,205	1,972	4,722	9,233	4,387	85	
.60 to .69.....	37	813	3,307	680	1,291	2,268	5,207	10,826	5,681	87	
.70 to .79.....	19	502	1,678	457	807	1,291	2,241	4,882	2,659	97	
.80 to .89.....	18	349	1,184	311	568	920	1,418	2,834	1,398	45	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)	
		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)					
INDUSTRY 3952.--LEAD PENCILS AND ART GOODS											
Total.....	146	6,687	26,183	4,711	9,366	14,746	47,909	98,494	50,585	2,049	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	17	206	760	171	322	542	3,502	6,299	2,797	48
.20 to .29.....		26	910	3,879	615	1,152	2,114	10,377	21,849	11,472	763
.30 to .39.....		15	357	1,511	274	546	922	3,526	7,177	3,651	113
.40 to .49.....		29	2,279	8,083	1,643	3,280	4,863	14,571	28,790	14,219	262
.50 to .59.....	}	21	971	3,039	795	1,541	1,984	4,687	11,104	6,417	356
.60 to .69.....		12	1,717	7,966	1,022	2,165	3,643	10,606	20,942	10,336	408
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3953.--MARKING DEVICES											
Total.....	525	5,447	24,775	3,875	7,357	15,603	39,940	59,923	19,983	1,360	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	19	42	80	31	42	59	506	633	127	18	
.20 to .29.....	61	192	602	169	297	538	2,333	3,158	825	99	
.30 to .39.....	73	369	1,335	290	482	951	3,721	5,716	1,995	89	
.40 to .49.....	60	339	1,168	259	469	893	2,623	3,834	1,211	96	
.50 to .59.....	72	807	3,972	541	1,094	2,332	7,254	10,994	3,740	293	
.60 to .69.....	91	1,491	6,887	1,043	2,046	4,448	10,539	15,237	4,698	389	
.70 to .79.....	44	957	4,442	708	1,380	2,874	5,991	8,201	2,210	136	
.80 to .89.....	28	425	2,148	289	577	1,319	2,596	4,501	1,905	36	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3955.--CARBON PAPER AND INKED RIBBONS											
Total.....	103	5,818	27,614	3,922	7,854	15,098	58,951	126,013	67,062	2,654	
Below .10.....	-	-	-	-	-	-	-	-	-	-	
.10 to .19.....	}	15	751	3,296	582	1,151	2,216	13,273	22,487	9,214	202
.20 to .29.....		12	403	1,531	299	595	1,106	4,044	9,048	5,004	195
.30 to .39.....		13	1,258	6,062	764	1,517	2,881	13,854	28,350	14,496	1,494
.40 to .49.....		26	1,945	9,355	1,285	2,572	5,011	17,259	40,122	22,863	421
.50 to .59.....	}	15	751	4,067	472	906	1,762	6,297	14,635	8,338	135
.60 to .69.....		22	710	3,303	520	1,113	2,122	4,224	11,371	7,147	207
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3961.--COSTUME JEWELRY											
Total.....	1,051	25,286	83,201	21,297	39,994	58,347	138,043	253,809	115,766	5,788	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	60	350	750	297	499	643	4,985	6,813	1,828	311	
.20 to .29.....	112	782	1,583	653	1,029	1,341	6,331	10,895	4,564	1,219	
.30 to .39.....	102	1,151	3,052	1,001	1,779	2,399	8,577	16,886	8,309	536	
.40 to .49.....	116	2,387	7,539	1,939	3,700	5,352	16,725	32,057	15,332	450	
.50 to .59.....	163	5,107	18,602	4,191	7,852	11,508	34,309	57,609	23,300	685	
.60 to .69.....	131	4,833	17,227	4,077	8,112	12,125	26,726	46,388	19,662	1,031	
.70 to .79.....	100	3,792	12,235	3,287	6,082	9,052	16,453	30,313	13,860	266	
.80 to .89.....	63	2,895	9,360	2,503	4,713	6,623	11,138	21,899	10,761	211	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3962.--ARTIFICIAL FLOWERS											
Total.....	431	6,770	19,021	5,932	11,038	14,377	34,650	64,969	30,319	886	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	21	88	73	79	89	68	448	662	214	38	
.20 to .29.....	37	399	971	372	641	762	3,923	6,228	2,305	53	
.30 to .39.....	45	418	1,126	357	648	855	3,248	5,989	2,741	113	
.40 to .49.....	54	830	2,261	730	1,334	1,743	5,015	9,785	4,770	180	
.50 to .59.....	64	1,563	4,384	1,385	2,594	3,407	7,849	14,185	6,336	180	
.60 to .69.....	63	1,565	4,829	1,332	2,598	3,420	7,391	15,138	7,747	115	
.70 to .79.....	38	932	2,654	835	1,635	2,064	3,582	6,591	3,009	47	
.80 to .89.....	17	365	984	318	529	686	1,180	1,998	818	47	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
	INDUSTRY 3963.--BUTTONS										
Total.....	290	5,599	23,024	4,728	9,133	16,520	43,751	81,835	37,930	1,040	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	20	287	1,100	253	504	870	4,811	7,185	2,484	177
.20 to .29.....		35	573	3,170	456	884	1,913	8,763	17,773	8,945	91
.30 to .39.....		50	811	3,149	665	1,361	2,255	6,870	11,498	4,601	146
.40 to .49.....		61	1,347	5,563	1,117	2,241	4,064	10,531	18,082	7,671	223
.50 to .59.....		30	926	3,636	803	1,473	2,707	5,570	9,721	4,168	173
.60 to .69.....		25	732	3,205	624	1,133	2,181	4,225	7,950	3,587	107
.70 to .79.....		12	385	1,356	349	662	1,143	1,611	4,588	2,889	92
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....											
		INDUSTRY 3964.--NEEDLES, PINS, AND FASTENERS									
Total.....	343	20,271	89,431	16,675	32,642	64,125	190,868	337,285	146,067	7,428	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	11	394	1,476	345	656	1,129	8,503	13,122	4,610	238	
.20 to .29.....	21	1,007	3,968	876	1,781	3,271	17,239	28,428	12,139	643	
.30 to .39.....	77	3,162	12,767	2,714	5,376	9,560	34,922	63,843	28,836	2,086	
.40 to .49.....	49	4,101	17,967	3,511	6,865	13,798	38,929	70,882	32,575	1,433	
.50 to .59.....	54	2,964	13,019	2,384	4,577	8,937	23,333	42,918	19,946	787	
.60 to .69.....	42	3,524	17,644	2,871	5,777	12,252	27,773	47,823	19,007	785	
.70 to .79.....	31	2,653	12,825	1,894	3,572	7,704	17,225	27,711	10,484	529	
.80 to .89.....	12	1,249	5,108	1,031	2,104	3,731	6,277	11,800	4,778	646	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
	INDUSTRY 3981.--BROOMS AND BRUSHES										
Total.....	643	16,637	73,620	13,428	25,801	49,510	167,866	321,129	153,625	4,394	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	16	625	3,890	493	935	2,694	31,540	61,836	29,279	223	
.20 to .29.....	34	392	1,445	357	688	1,223	6,101	9,422	3,479	147	
.30 to .39.....	54	1,361	6,181	1,064	2,061	4,005	17,309	31,447	14,575	257	
.40 to .49.....	77	4,487	21,584	3,541	7,121	14,523	48,665	82,920	34,944	1,320	
.50 to .59.....	144	3,942	18,138	3,100	5,963	11,583	34,100	66,791	32,600	1,643	
.60 to .69.....	83	2,718	11,579	2,251	4,188	7,887	17,849	37,360	19,704	413	
.70 to .79.....	51	1,315	5,109	1,135	2,141	3,605	6,877	15,814	9,171	191	
.80 to .89.....	28	669	2,420	544	1,019	1,677	2,922	7,898	4,778	95	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
	INDUSTRY 3982.--HARD SURFACE FLOOR COVERINGS										
Total.....	16	6,192	38,965	4,958	10,099	29,488	118,832	204,112	80,721	4,441	
Below .10.....	}	16	6,192	38,965	4,958	10,099	29,488	118,832	204,112	80,721	4,441
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
Total.....	26	4,647	21,659	3,988	7,790	17,268	38,666	64,131	24,850	1,876	
Below .10.....	}	14	2,882	13,529	2,483	4,822	10,899	28,809	43,945	14,576	948
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....	12	1,765	8,130	1,505	2,968	6,369	9,857	20,186	10,274	928	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)	
		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)					
INDUSTRY 3963.--BUTTONS											
Total.....	356	6,462	21,526	5,504	10,425	15,817	37,967	68,609	30,642	1,414	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	13	105	287	83	171	251	1,843	2,553	710	2	
.20 to .29.....	26	215	600	199	388	533	2,320	3,697	1,377	66	
.30 to .39.....	37	336	991	305	549	829	2,914	5,429	2,515	167	
.40 to .49.....	41	725	2,209	623	1,122	1,679	4,738	9,167	4,429	136	
.50 to .59.....	51	1,344	5,546	1,098	2,156	3,588	10,354	18,253	7,899	518	
.60 to .69.....	56	1,450	5,040	1,246	2,422	3,626	7,862	12,916	5,054	250	
.70 to .79.....	38	1,112	3,523	948	1,756	2,597	4,636	8,343	3,707	120	
.80 to .89.....	24	348	1,089	309	602	895	1,283	2,521	1,238	46	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3964.--NEEDLES, PINS, AND FASTENERS											
Total.....	367	17,756	69,873	14,251	26,723	47,957	127,664	220,517	92,853	4,276	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	32	765	2,472	616	1,239	1,739	10,275	16,297	6,022	179
.20 to .29.....		45	1,474	5,184	1,289	2,392	3,988	14,446	22,602	8,156	566
.30 to .39.....		50	1,759	5,930	1,543	3,078	4,633	13,496	24,158	10,662	670
.40 to .49.....		60	2,628	10,401	2,099	3,920	6,985	18,521	34,237	15,716	764
.50 to .59.....		57	6,728	28,706	5,146	9,805	19,174	45,805	71,957	26,152	1,241
.60 to .69.....		33	2,524	10,371	1,960	3,377	6,143	13,844	24,558	10,714	243
.70 to .79.....		27	638	2,567	542	1,113	2,004	3,085	7,061	3,976	271
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....											
INDUSTRY 3981.--BROOMS AND BRUSHES											
Total.....		723	17,082	64,573	13,557	25,601	42,917	137,496	275,722	138,226	3,981
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	35	796	4,104	668	1,269	3,034	27,707	52,538	24,831	294	
.20 to .29.....	55	707	3,147	553	992	2,147	12,257	20,882	8,625	184	
.30 to .39.....	67	861	2,905	671	1,185	1,983	7,856	14,223	6,367	281	
.40 to .49.....	91	2,520	8,988	2,042	3,968	6,395	19,986	38,538	18,552	512	
.50 to .59.....	96	4,167	17,365	3,099	6,031	10,880	31,462	58,424	26,962	1,491	
.60 to .69.....	100	3,287	12,178	2,628	4,905	7,927	18,889	40,813	21,924	378	
.70 to .79.....	65	2,094	7,948	1,719	3,330	5,115	10,776	24,663	13,887	237	
.80 to .89.....	36	881	3,305	697	1,364	2,131	3,949	10,180	6,231	230	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3982.--HARD SURFACE FLOOR COVERINGS											
Total.....	14	7,999	41,924	6,722	14,034	34,113	93,145	181,584	88,439	5,185	
Below .10.....	}	14	7,999	41,924	6,722	14,034	34,113	93,145	181,584	88,439	5,185
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
INDUSTRY 3983.--MATCHES											
Total.....	23	5,127	21,097	4,350	8,505	16,400	41,776	67,018	25,242	942	
Below .10.....	}	23	5,127	21,097	4,350	8,505	16,400	41,776	67,018	25,242	942
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establish- ments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new	
		Total	Payroll	Total	Man-hours	Wages					
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
INDUSTRY 3984.--CANDLES											
Total.....	111	3,167	13,225	2,375	4,553	7,884	26,306	45,515	19,886	773	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	}	11	50	138	43	74	122	840	1,327	489	26
.20 to .29.....		16	194	746	161	291	493	2,064	3,948	1,901	89
.30 to .39.....		27	1,508	6,453	1,067	2,094	3,570	13,642	22,408	9,288	368
.40 to .49.....		}	40	1,384	5,779	1,077	2,047	3,603	9,652	17,550	8,035
.50 to .59.....	(*)		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.60 to .69.....	(*)		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....	(*)		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3987.--LAMP SHADES											
Total.....	228	3,583	12,775	3,160	6,002	9,907	20,476	37,485	17,116	530	
Below .10.....	}	19	41	83	38	76	78	359	526	165	20
.10 to .19.....		24	125	382	110	197	315	1,051	2,233	1,184	60
.20 to .29.....		19	323	1,056	301	594	846	2,271	3,903	1,699	83
.30 to .39.....		47	961	3,515	844	1,616	2,686	6,346	11,902	5,593	117
.40 to .49.....	}	48	718	2,613	631	1,143	2,033	4,038	7,016	2,987	117
.50 to .59.....		32	1,130	4,289	984	1,883	3,285	5,762	10,587	4,828	110
.60 to .69.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3988.--MORTICIANS' GOODS											
Total.....	617	17,283	86,218	13,545	27,507	58,447	158,422	290,036	132,720	5,455	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	24	218	948	169	332	689	6,145	8,864	2,735	84	
.20 to .29.....	29	287	1,164	228	467	851	4,631	7,593	3,035	83	
.30 to .39.....	48	1,019	4,802	799	1,597	3,188	13,287	20,398	7,351	231	
.40 to .49.....	98	3,240	18,138	2,341	5,102	10,915	41,300	67,727	27,053	1,860	
.50 to .59.....	125	4,606	22,469	3,753	7,366	16,199	40,192	76,016	36,365	1,740	
.60 to .69.....	108	3,788	19,483	3,022	6,179	13,187	30,279	57,900	27,548	849	
.70 to .79.....	58	2,219	10,434	1,751	3,542	7,187	14,116	28,224	14,293	406	
.80 to .89.....	21	812	4,065	631	1,374	2,875	4,770	9,529	4,773	94	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3992.--FURS, DRESSED AND DYED											
Total.....	132	2,577	20,092	2,129	4,113	16,383	30,240	42,007	12,094	227	
Below .10.....	}	12	54	272	34	66	155	1,767	4,012	2,367	2
.10 to .19.....		15	283	1,562	227	498	989	4,614	6,311	1,806	69
.20 to .29.....		18	124	833	101	223	644	1,787	3,665	1,972	11
.30 to .39.....		11	105	622	90	188	480	1,118	1,446	321	22
.40 to .49.....	}	20	301	1,783	241	459	1,277	2,693	3,926	1,225	27
.50 to .59.....		33	1,603	14,139	1,344	2,452	12,060	18,102	20,856	2,789	94
.60 to .69.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
INDUSTRY 3993.--SIGNS AND ADVERTISING DISPLAYS											
Total.....	3,206	43,476	242,593	33,139	64,837	163,538	407,478	646,772	243,815	15,042	
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
.10 to .19.....	81	296	1,359	234	546	1,077	8,195	10,076	2,129	248	
.20 to .29.....	215	1,636	7,096	1,240	2,410	4,889	27,334	38,808	12,223	811	
.30 to .39.....	266	1,890	9,406	1,505	2,890	6,646	26,834	35,170	11,021	917	
.40 to .49.....	360	4,831	23,034	3,730	7,368	16,347	51,470	77,843	26,891	2,460	
.50 to .59.....	740	10,802	57,811	8,422	16,419	39,396	104,074	170,818	68,117	4,210	
.60 to .69.....	432	9,812	59,446	7,313	14,101	37,996	92,312	141,588	49,381	3,111	
.70 to .79.....	287	6,814	41,756	5,295	10,507	28,553	56,028	87,001	30,753	1,297	
.80 to .89.....	153	3,382	20,684	2,365	4,693	13,303	24,360	43,092	18,111	793	
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)
		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
INDUSTRY 3984.--CANDLES										
Total.....	86	2,516	9,268	1,877	3,572	5,411	17,668	33,802	16,134	482
Below .10.....	-	-	-	-	-	-	-	-	-	-
.10 to .19.....	15	112	263	97	158	195	1,160	1,969	809	44
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	11	534	2,394	333	641	1,172	5,152	9,027	3,875	84
.50 to .59.....										
.60 to .69.....										
.70 to .79.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.80 to .89.....										
.90 and above.....										
INDUSTRY 3987:--LAMP SHADES										
Total.....	270	3,895	11,401	3,434	6,439	9,185	18,577	34,066	15,489	1,237
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	43	125	186	118	157	176	785	1,352	567	83
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	33	455	1,224	388	724	989	2,736	4,970	2,234	435
.50 to .59.....										
.60 to .69.....										
.70 to .79.....	48	1,196	3,975	1,047	2,055	3,147	6,163	10,613	4,450	118
.80 to .89.....										
.90 and above.....										
	13	232	655	198	363	528	768	1,534	766	211
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3988.--MORTICIANS' GOODS										
Total.....	592	17,362	73,736	13,805	27,760	50,604	128,879	237,773	108,894	5,754
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	17	218	499	146	239	347	3,016	4,747	1,731	97
.20 to .29.....	35	242	793	191	350	564	3,014	5,139	2,125	194
.30 to .39.....	52	1,701	6,984	1,430	2,790	5,276	18,912	28,237	9,325	284
.40 to .49.....	77	2,070	10,674	1,610	3,448	6,622	24,133	40,938	16,805	1,698
.50 to .59.....	105	3,267	12,608	2,609	5,266	8,760	22,464	45,432	22,968	1,476
.60 to .69.....	106	4,143	17,842	3,257	6,586	12,051	27,567	51,144	23,577	934
.70 to .79.....	82	3,343	14,909	2,636	5,304	9,991	19,818	38,028	18,210	724
.80 to .89.....	27	1,054	4,377	829	1,673	3,133	5,274	10,356	5,082	101
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3992.--FURS, DRESSED AND DYED										
Total.....	137	2,696	16,231	2,260	3,924	13,108	24,112	29,152	5,040	245
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	13	75	307	63	108	255	2,013	2,415	402	16
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	20	88	375	72	128	302	856	1,065	209	9
.50 to .59.....										
.60 to .69.....										
.70 to .79.....	22	396	2,081	346	577	1,774	3,135	3,727	592	31
.80 to .89.....										
.90 and above.....										
	12	609	3,942	515	916	3,089	4,739	5,305	566	21
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3993.--SIGNS AND ADVERTISING DISPLAYS										
Total.....	2,725	36,170	173,028	27,949	53,572	118,887	281,168	457,025	175,857	13,505
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	116	264	615	242	391	548	3,996	5,404	1,408	431
.20 to .29.....	208	801	2,983	636	1,047	2,251	12,039	17,383	5,344	926
.30 to .39.....	294	2,420	9,944	1,836	3,195	6,992	28,068	40,511	12,443	1,303
.40 to .49.....	336	3,040	12,622	2,439	4,478	9,297	27,852	47,116	19,264	1,452
.50 to .59.....	411	6,156	29,144	4,781	9,245	20,459	52,374	85,420	33,046	1,766
.60 to .69.....	414	8,963	45,466	6,954	13,785	30,191	70,063	111,080	41,017	3,464
.70 to .79.....	284	6,658	33,350	5,064	9,783	22,368	44,811	68,916	24,105	1,719
.80 to .89.....	160	3,164	16,803	2,385	4,783	11,532	20,152	32,984	12,932	505
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)
		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
INDUSTRY 3995.--UMBRELLAS, PARASOLS, AND CANES										
Total.....	112	2,604	10,151	2,261	4,325	7,416	16,101	36,630	20,983	190
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	11	83	266	69	127	199	1,044	1,586	576
.20 to .29.....		18	328	1,173	288	595	966	2,567	6,391	3,905
.30 to .39.....		15	470	1,777	403	752	1,237	3,202	7,592	4,776
.40 to .49.....		26	721	2,858	635	1,206	2,006	4,411	9,883	5,527
.50 to .59.....	}	20	687	2,904	584	1,130	2,153	3,916	8,229	4,168
.60 to .69.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
INDUSTRY 3999.--MISCELLANEOUS PRODUCTS, N.E.C.										
Total.....	1,499	30,138	129,350	24,534	47,811	91,085	252,170	458,471	210,922	9,888
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	66	349	1,197	304	600	925	7,106	10,907	4,310	273
.20 to .29.....	135	1,849	7,777	1,523	3,030	5,724	33,044	48,583	16,097	959
.30 to .39.....	347	5,231	18,103	4,252	8,184	13,454	50,462	89,029	41,232	3,063
.40 to .49.....	150	3,140	14,908	2,319	4,458	9,133	32,698	60,534	29,265	1,467
.50 to .59.....	183	5,769	28,074	4,653	9,316	19,062	50,882	96,345	46,783	1,599
.60 to .69.....	162	3,969	17,289	3,393	6,660	13,078	26,923	50,225	23,864	590
.70 to .79.....	89	3,863	17,272	3,270	6,484	12,393	23,107	40,107	17,274	327
.80 to .89.....	53	2,217	11,488	1,694	3,256	7,700	13,865	26,440	11,934	445
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 1925.--COMPLETE GUIDED MISSILES ^{7 8}										
Total.....	31	148,908	1,325,803	54,527	110,358	395,184	1,924,812	3,053,863	1,129,051	48,849
Below .10.....	}	12	49,322	432,389	19,749	39,010	154,583	817,745	1,034,793	217,048
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	19	99,586	893,414	34,778	71,348	240,601	1,107,067	2,019,070	912,003
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
INDUSTRY 1929.--AMMUNITION, N.E.C.										
Total.....	44	32,578	202,208	25,059	48,966	137,662	285,774	503,001	210,170	7,619
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	}	31	26,785	170,359	20,718	40,406	117,138	274,255	447,794	177,088
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....	}	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
INDUSTRY 1931.--TANKS AND TANK COMPONENTS										
Total.....	26	11,307	76,583	7,788	16,234	48,421	148,369	394,144	258,861	5,249
Below .10.....	}	10	5,934	39,341	4,123	8,754	25,330	93,480	222,194	151,817
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....	}	16	5,373	37,242	3,665	7,480	23,091	54,889	171,950	107,044
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)
		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
INDUSTRY 3995.--UMBRELLAS, PARASOLS AND CANES										
Total.....	123	2,932	10,129	2,591	4,929	7,548	16,602	35,161	18,559	114
Below .10.....	-	-	-	-	-	-	-	-	-	-
.10 to .19.....	19	113	311	111	199	304	1,648	1,866	218	3
.20 to .29.....		97	272	85	173	208	797	1,838	1,041	4
.30 to .39.....		10	111	448	88	158	272	1,011	2,281	1,270
.40 to .49.....	18	624	2,157	539	977	1,544	3,865	9,294	5,429	6
.50 to .59.....	21	684	2,307	619	1,209	1,615	3,527	7,858	4,331	8
.60 to .69.....	27	972	3,500	846	1,668	2,635	4,645	9,565	4,920	40
.70 to .79.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	50
.80 to .89.....		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 3999.--MISCELLANEOUS PRODUCTS, N.E.C.										
Total.....	1,259	27,285	109,053	21,890	42,116	76,299	192,313	358,076	165,763	7,317
Below .10.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
.10 to .19.....	112	329	918	294	478	813	6,531	7,963	1,432	340
.20 to .29.....	157	1,059	3,034	909	1,612	2,445	11,968	19,868	7,900	535
.30 to .39.....	123	1,797	6,788	1,572	3,550	5,594	18,860	31,117	12,257	645
.40 to .49.....	121	3,643	13,971	2,821	5,289	9,116	30,920	50,837	19,917	1,253
.50 to .59.....	162	5,716	23,986	4,495	8,478	15,841	43,342	84,132	40,790	867
.60 to .69.....	144	4,036	16,223	3,239	6,422	11,625	24,905	43,710	18,805	819
.70 to .79.....	102	6,150	25,612	4,979	9,554	18,173	34,436	63,274	28,838	930
.80 to .89.....	60	1,426	5,521	1,145	2,121	3,748	6,416	14,347	7,931	99
.90 and above.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
INDUSTRY 1925.--COMPLETE GUIDED MISSILES ^{7 8}										
Total.....	26	108,431	788,414	60,894	129,208	370,703	1,153,021	2,206,710	1,053,689	46,137
Below .10.....	26	108,431	788,414	60,894	129,208	370,703	1,153,021	2,206,710	1,053,689	46,137
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
INDUSTRIES 1921, 1922 AND 1929.--AMMUNITION, N.E.C.										
Total.....	50	11,331	59,068	7,164	14,239	34,265	87,027	138,445	51,418	6,187
Below .10.....	50	11,331	59,068	7,164	14,239	34,265	87,027	138,445	51,418	6,187
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
INDUSTRY 1931.--TANKS AND TANK COMPONENTS										
Total.....	17	7,069	39,861	4,619	9,651	25,197	63,711	212,372	149,661	1,524
Below .10.....	17	7,069	39,861	4,619	9,651	25,197	63,711	212,372	149,661	1,524
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										

See footnotes at end of table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1963

Ratio of payroll to value added by manufacture	Establishments	All employees		Production workers			Value added by manufacture, adjusted ¹	Value of shipments ²	Cost of materials ³	Capital expenditures, new
		Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)
	INDUSTRY 1941.--SIGHTING AND FIRE CONTROL EQUIPMENT									
Total.....	13	9,249	66,949	5,810	11,085	36,639	96,281	156,568	60,258	3,631
Below .10.....	13	9,249	66,949	5,810	11,085	36,639	96,281	156,568	60,258	3,631
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
	INDUSTRY 1951.--SMALL ARMS, 30 MM. AND UNDER									
Total.....	52	9,995	57,347	7,497	15,085	39,288	88,302	133,042	42,965	5,123
Below .10.....	11	2,402	13,933	1,893	3,676	10,102	31,684	41,933	11,487	1,074
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
	INDUSTRY 1961.--SMALL ARMS AMMUNITION									
Total.....	31	8,909	51,895	7,061	14,083	38,099	103,772	192,454	85,715	5,478
Below .10.....	31	8,909	51,895	7,061	14,083	38,099	103,772	192,454	85,715	5,478
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										
	INDUSTRIES 1911 AND 1999.--GUNS, HOWITZERS AND MORTARS AND ORDNANCE AND ACCESSORIES, N.E.C.									
Total.....	60	24,988	176,169	15,149	30,701	93,697	235,211	350,975	115,764	12,269
Below .10.....	10	2,408	15,705	1,367	2,971	7,129	42,642	51,504	14,250	1,040
.10 to .19.....										
.20 to .29.....										
.30 to .39.....										
.40 to .49.....										
.50 to .59.....										
.60 to .69.....										
.70 to .79.....										
.80 to .89.....										
.90 and above.....										

*The totals in ratio classes below .10 and above .90 do not have the same degree of validity as those in other ratio classes. These extreme ratios reflect: (1) special economic conditions of the establishment; (2) improper reporting of the cost of materials or value of shipments for interplant movements of commodities of multiunit companies; and (3) deficiencies in the mechanical procedures used to estimate reports from payrolls for non-reporting establishments. For this reason, the figures for the ratio classes under .10 and above .90 have been omitted. However, data for these ratio classes are included in the total.

-Represents zero. n.e.c. Not elsewhere classified.

¹Adjusted value added is calculated by subtracting the cost of materials, including cost of resales, from the value of shipments, including resales, and adjusting for the change in finished products and work-in-process inventories during the year.

²The value of shipments figures include the value of shipments of products manufactured at the establishment plus the value of products bought and resold without further manufacture, processing, or assembly plus miscellaneous receipts for such items as sale of scrap, contract work, repairs, etc.

³Cost of materials includes cost of products bought and resold without further manufacture, processing or assembly. The 1958 cost of materials for each industry is a close approximation derived by subtracting value added from the value of shipments. Thus, the cost of materials for 1958 is not completely comparable to 1963 and may differ from the cost of materials for an industry published in the regular census of manufactures table.

General Statistics for Establishments Classified by Ratio of Payroll to Value Added by Manufacture—Continued

1958

Ratio of payroll to value added by manufacture	Establish- ments (number)	All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Value of shipments ² (\$1,000)	Cost of materials ³ (\$1,000)	Capital expenditures, new (\$1,000)	
		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)					
INDUSTRY 1941.--SIGHTING AND FIRE CONTROL EQUIPMENT											
Total.....	20	36,432	237,193	19,935	40,511	112,512	360,402	682,580	324,952	4,088	
Below .10.....	}	20	36,432	237,193	40,511	112,512	360,402	682,580	324,952	4,088	
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
INDUSTRY 1951.--SMALL ARMS, 30MM. AND UNDER											
Total.....	34	8,010	39,213	5,823	11,580	27,240	51,005	79,107	28,102	2,128	
Below .10.....	}	34	8,010	39,213	11,580	27,240	51,005	79,107	28,102	2,128	
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
INDUSTRY 1961.--SMALL ARMS AMMUNITION											
Total.....	24	9,049	44,215	5,682	11,307	26,033	82,733	167,446	84,713	4,166	
Below .10.....	}	24	9,049	44,215	11,307	26,033	82,733	167,446	84,713	4,166	
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
INDUSTRIES 1911 AND 1999.--ORDNANCE AND ACCESSORIES, N.E.C.											
Total.....	52	15,548	94,778	10,202	21,254	56,399	158,479	199,656	41,177	10,890	
Below .10.....	}	13	3,542	21,142	5,942	12,074	68,204	76,195	7,991	383	
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
	}	13	2,259	14,419	1,511	3,328	8,791	23,236	37,327	14,091	3,977
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											
	}	26	9,747	59,217	6,397	11,984	35,534	67,039	86,134	19,095	6,530
.10 to .19.....											
.20 to .29.....											
.30 to .39.....											
.40 to .49.....											
.50 to .59.....											
.60 to .69.....											
.70 to .79.....											
.80 to .89.....											
.90 and above.....											

¹Value of production is shown rather than value of shipments. For 1963, the figures include value of primary and secondary products made, miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and other salable refuse, and the value of products bought and resold in the same condition. For 1958, resales are excluded.

²Value of production is shown in 1958 whereas value of shipments is shown for 1963. This change does not affect significantly the comparability.

³Establishments primarily engaged in producing exfoliated vermiculate were reclassified from industry 3296, Mineral Wool, to industry 3299, Minerals, Ground or Treated, in 1963. For 1958, the data have not been revised to reflect this change.

⁴Represents value of work done rather than value of shipments. Includes miscellaneous receipts such as receipts for contract work and commission work on materials owned by others, scrap, salables, refuse, repair work, etc.

⁵Adjusted value added for these industries does not take into account the change in inventory between the beginning and end of the year since the value of work done rather than value of shipments is reported by establishments in these industries. However, value added by resales is included.

Appendix

EXPLANATION OF TERMS

All Employees.--The category "all employees" comprises all full-time and part-time employees on the payrolls of operating manufacturing establishments, who worked or received pay for any part of the pay period which included the 12th and ended nearest the 15th of the months specified on the report form. Included are all persons on paid sick leave, paid holidays, and paid vacations during these pay periods. Excluded are members of the Armed Forces and pensioners carried on the active rolls but not working during the period. Officers of corporations are included as employees; proprietors and partners of unincorporated firms are, however, excluded from the total.

Production and Related Workers.--Workers (up through the working foreman level) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial, watchman services, product development, auxiliary production for plants' own use (e.g., power plant), recordkeeping, and other services closely associated with these production operations at the establishment covered by the report. Supervisory employees above the working foreman level are excluded from this category.

All Other Employees.--Nonproduction personnel of the manufacturing establishment, including those engaged in the following activities: Factory supervision above the working foreman level, sales (including driver salesmen), sales delivery (highway truck drivers and their helpers), advertising, credit, collection, installation and servicing of own products, clerical and routine office functions, executive, purchasing, financing, legal, personnel (including cafeteria, medical, etc.), professional, and technical. Also included are employees on the payroll of the manufacturing establishment engaged in the construction of major additions or alterations to the plant and who are utilized as a separate work force.

In addition to the reports sent to operating manufacturing establishments, information was collected on employment as of March 15 and annual payrolls at central administrative offices or auxiliary units of multiestablishment companies servicing more than one manufacturing establishment. However, these figures are not included in the totals for individual industries shown in this report. They are included in the "Summary" and "State" reports and all final volumes on a 2-digit industry group basis.

Manufacturing Employees: Average Employment.--The 1963 census report forms requested employment figures for "production and related workers" for four selected pay periods (i.e., production worker midmonth employment in March, May, August, and November). For "all other employees" only a mid-March figure was requested. Thus the "annual average" is composed of an average of the four monthly figures for the "production workers" plus the March figure for "all other employees."

This approach was initiated in the intercensal annual survey of manufactures to simplify the schedule format and lighten the reporting burden of respondents since it was found that the average of these selected pay periods approximates very closely the average employment for the year that would be obtained from the 12 pay periods for almost all industries. In the employment data shown in this report, the 4-month average is shown for all industries.

Manufacturing Employees: Payrolls.--This total includes the gross earnings paid in the calendar year 1963 to all employees on the payroll of operating manufacturing establishments. Respondents were told they could follow the definition of payrolls used for calculating the Federal withholding tax. It includes all forms of compensation such as salaries, wages, commissions, dismissal pay, all bonuses, vacation and sick leave pay, and compensation in kind, prior to such deductions as employees' Social Security contributions, withholding taxes, group insurance, union dues, and savings bonds. The total includes salaries of officers of these establishments, if a corporation; it excludes payments to the proprietor or partners, if an unincorporated concern. Also excluded are payments to members of Armed Forces and pensioners carried on the active payroll of manufacturing establishments.

The 1963 census definition of payrolls, identical to that recommended to all Federal statistical agencies by the Bureau of the Budget, is also the same as the 1958 census definition. It should be noted that this definition does not include employers' Social Security contributions, or other nonpayroll labor costs such as employees' pension plans, group insurance premiums, and workmen's compensation.

As in the case of employment figures, the payrolls of separate central administrative offices and auxiliary units of multiestablishment companies are not included in the totals for individual industries or industry groups.

Production and Related Worker Man-Hours.--This total consists of all plant man-hours of production and related workers as defined above. It represents all man-hours worked or paid for at the plant including actual overtime hours (not straight-time equivalent hours). It excludes hours paid for vacations, holidays, or sick leave when the employee was not at the plant. Where employees elected to work during the vacation period, only actual hours worked by such employees were reported.

Cost of Materials, Etc., Consumed.--A summary inquiry on the 1963 census report forms requested information on the cost of materials, supplies, semifinished goods, fuels, and electric energy, actually consumed or put into production during the year and the cost of products purchased for resale, by each manufacturing establishment, whether purchased, withdrawn from inventories, or received from other establishments of the company. "Cost" was defined as the direct charges actually paid or payable for items consumed or put into production during the year, after discounts, and including freight charges and other direct charges incurred by the establishment in acquiring the materials.

To arrive at the industry total "cost of materials, etc." separate figures were obtained for (a) the total delivered cost of all raw materials, semifinished goods, parts, components, containers, scrap, and supplies consumed or put into production in 1963; (b) the amount paid for electric energy purchased; (c) the amount paid for all fuels consumed for heat, power, or the generation of electricity; (d) the cost of work done by others on materials or parts furnished by manufacturing establishments (contract work); (e) cost of products bought and resold in the same condition.

It should be noted that the cost of fuel consumed under "c" above does not include fuel used as a material in the manufacturing process; for example, coal used in the production of coke. Such costs were included with other materials cost in category "a" above.

The total excludes the cost of services used such as advertising, insurance, telephone, etc., and developmental, research, and consulting services of other establishments. It also excludes overhead costs such as depreciation charges, rent, interest, royalties, etc., and it excludes materials, machinery, and equipment used in plant expansion or capitalized repairs which are chargeable to fixed assets accounts.

For materials received from other plants of the same company or from a central materials depot (whether at the same or different physical location), the respondent was asked to value the items at their full economic value as produced, plus freight and other direct handling charges. The respondent was asked to check, where possible, that reported costs equaled the value of shipments reported for the items by the company's plant which produced and transferred the goods plus the freight and other direct charges (see Value of Shipments below).

Value of Shipments.--Except in a few industries, the respondents were instructed to report net selling values, f.o.b. plant, after discount and allowances and excluding freight charges and excise taxes. In a few industries, specifically noted in the text of the final reports, delivered prices were acceptable if delivery was included as an integral part of the plant operations such as in the milk and bakery industries.

Multiestablishment companies were asked to report value information for each establishment as if it were a separate economic unit. They were instructed to report the value of all products transferred to other plants of the company at their full economic value; i.e., to include, in addition to direct cost of production, a reasonable proportion of company overhead and profits.

Manufacturers were asked to include as products shipped not only the products made in the establishment but also those made elsewhere under contract from the materials owned by the establishment. Included were all products sold, transferred to other plants of the same company, or shipped on consignment.

In addition, manufacturers reported receipts for contract work performed for others, resales (i.e., the value of all products resold without further processing), receipts for miscellaneous activities such as sale of scrap and refuse; and the value of installation and repair work performed by the plant employees.

Duplication in Cost of Materials and Value of Products.--The aggregate of the cost of materials and value of shipments figures for industry groups and for all manufacturing industries includes large amounts of duplication since the products of some industries are used as materials by others. With some important exceptions, such as motor vehicles and parts, this duplication is not significant within individual 4-digit industries. However, it is significant at the 2-digit and 3-digit industry group because these totals often include industries which represent successive stages in the production of a finished manufactured product. Examples are the addition of flour mills to bakeries in the "Food Group" and the addition of pulp mills to paper mills in the "Paper and Allied Products Group" of industries. Estimates of the overall extent of this duplication indicate that the value of manufactured products exclusive of such duplication--the value of finished manufactures--tends to approximate two-thirds of the total value of products reported in the census of manufactures.

Value Added by Manufacture.--Value added by manufacture is derived by subtracting the total cost of materials (including materials, supplies, fuel, electric energy, cost of resales and miscellaneous receipts) from the value of shipments (including resales) and other receipts and adjusting the resulting amount by the net change in finished products and work-in-process inventories between the beginning and end of the year.

Value added avoids the duplication in the value of shipments figure which results from the inclusion of the shipments of establishments producing materials and components along with the shipments of establishments producing finished products. It does not exclude, as described in the paragraph below, purchased services. Nevertheless, it is considered to be the best value measure now available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Value added by manufacture should not be confused with "national income originating in manufacturing" as presented in the national income by industrial origin estimates compiled by the Office of Business Economics (OBE), Department of Commerce. The latter measure is the sum of factor costs incurred by an industry in production and is, therefore, a more "net" concept of value added than that used in the census of manufactures. "Income originating" excludes, in addition to cost of materials, such other costs as depreciation charges, State and local taxes (other than corporate income taxes), allowance for bad debts, and purchases of services from nonmanufacturing enterprises such as contract costs involved in maintenance and repair, services of development and research firms, services of engineering and management consultants, advertising, telephone and telegraph expense, insurance, royalties, patent fees, etc.

In part, the national income originating estimates are prepared from company rather than establishment data. This method will result in the inclusion of some part of the net value added by nonmanufacturing establishments of companies classified as being primarily manufacturing,

and conversely, in the exclusion of some part of the net value added by manufacturing establishments of companies classified as primary nonmanufacturing. It is believed that for manufacturing as a whole the net effect increases income originating. (In fact, in the Petroleum and Coal Products major industry group, nonmanufacturing activities of manufacturing companies are so significant that this is the one major industry group in which OBE "income originating" exceeds Census "value added by manufacture.")

Expenditures for Plant and Equipment.--In the 1963 census, manufacturers were asked to report expenditures made during the year for permanent additions and major alterations to their plants, as well as for new machinery and equipment purchases, that were chargeable to fixed asset accounts of manufacturing establishments and were of a type for which depreciation accounts are ordinarily maintained. Expenditures for machinery and equipment were to include those made for replacement purposes, as well as for additions to plant capacity. Excluded from such expenditure totals are costs of maintenance and repairs charged as current operating expense; new facilities and equipment leased from nonmanufacturing concerns; new facilities owned by the Federal Government but operated under contract by private companies; and plant and equipment furnished to the manufacturer by communities and organizations.

In addition to total capital expenditures, respondents were requested to indicate the following subtotals: (a) New structures and additions to plant (including major alterations and capitalized repairs and improvements); (b) new machinery and new equipment (including capitalized repairs and improvements); and (c) expenditures for used plant and used equipment acquired from others (including the U.S. Government). The publication of statistics on capital expenditures is confined to new plant and equipment (items "a" and "b" above).

The figures include (a) the expenditures made at manufacturing plants that were in operation during any part of the year, plus (b) expenditures made at plants that were not as yet in production. The data on capital expenditures for plants not in production at the end of 1963 were collected on a separate report form (MA-101) requesting companies to report the value of new plant and new equipment put in place during the year. This form was mailed to (a) the 1,500 largest manufacturing companies; (b) all other companies which indicated on the census of manufactures establishment report form or the "Listing of Establishments" Form NC-X1 that they had one or more manufacturing plants under construction but not yet in operation at the close of 1963.

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GOVERNMENT PRINTING OFFICE
DIVISION OF PUBLIC DOCUMENTS
WASHINGTON, D.C. 20402

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SPECIAL REPORT

Consumption of Selected Metal Mill Shapes and Forms

Steel
Copper (Brass)
Aluminum
Insulated Wire and Cable
and Bare Copper Wire

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS



U.S. DEPARTMENT OF COMMERCE

C. R. Smith, Secretary

William H. Chartener, Assistant Secretary for Economic Affairs

BUREAU OF THE CENSUS

A. Ross Eckler, Director

Robert F. Drury, Deputy Director

Maxwell R. Conklin, Associate Director

INDUSTRY DIVISION

Owen C. Gretton, Chief

ACKNOWLEDGMENTS: This report is a combination of data (tables 1, 2, 6, 7, 12, 13, 16, and 17 tabulated on consumption of metal mill shapes and forms for the 1963 Census of Manufactures (published in Chapter VIII, Volume I, Summary Statistics) and special tabulations compiled at the request of interested trade associations. The American Iron and Steel Institute sponsored tables 3, 4, and 5; the Copper Development Association sponsored tables 8, 9, 10, and 11; the Aluminum Association sponsored tables 14, 15, 18, and 19.

This report was prepared in the Industry Division under the supervision of Paul F. Berard, Chief, Metals, Machinery and Equipment Branch, by Malcolm E. Bernhardt, Chief, Metals and Metal Products Section. Milton Eisen, Assistant Chief of the Division provided overall direction and coordination to this project.

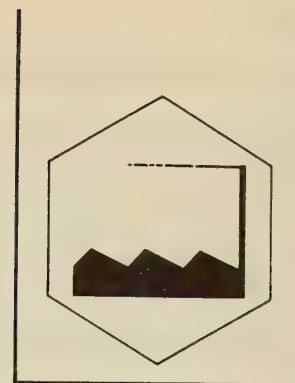
(Issued August 1968)

SUGGESTED CITATION

U.S. Bureau of the Census, Census of Manufactures: 1963. **Consumption of Selected Metal Mill Shapes and Forms (MC63(S)-9.** Washington, D.C. 20233, 1968.

For sale by the Superintendent of Documents, Government Printing Office
Washington, D.C., 20402 - Price \$1.25.

1963 CENSUS OF MANUFACTURES



Consumption of Selected Metal Mill Shapes and Forms

Special Report MC63(S)-9

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Census of Manufactures

Publication Program

VOLUME I. SUMMARY AND SUBJECT STATISTICS

In addition to a summary chapter presenting the basic data historically for industries and geographic areas, separate chapters present data on a subject basis. Chapter titles are as follows:

1. General Summary
2. Size of Establishments
3. Type of Organization
4. Manufacturers' Inventories
5. Expenditures for Plant and Equipment
6. Power Equipment in Manufacturing Industries
7. Fuels and Electric Energy
8. Selected Materials Consumed
9. Selected Metalworking Operations
10. Water Use in Manufacturing
11. Concentration Ratios in Manufacturing Industries

Three special reports are also included in this volume: Manufacturing Activity in Government Establishments, Shipments of Defense Oriented Industries, and Origin of Exports of Manufactured Products. Each of the chapters in this volume was previously published as a separate report (Series MC63(1)—, numbers 1 to 10. Chapter 11 was issued as a special report for the Senate Subcommittee on Antitrust and Monopoly).

VOLUME II. INDUSTRY STATISTICS

This volume contains separate chapters for each of 80 groups of related industries which cover approximately 430 individual industries. Statistics are shown on detailed product shipments and materials consumption in terms of quantity and value, cost of fuels and electric energy, value added by manufacture, employment, payrolls, inventories, and capital expenditures. Selected statistics are included for earlier census years. This volume is published in two parts. Part 1 contains a general summary chapter and chapters for SIC Major Groups 20 to 28, as well as chapters for related industries within these major groups; Part 2 contains chapters for SIC Major Groups 29 to 39 and 19 as well as chapters for related industries within these major groups. A special report, Manufacturing Activity in Government Establishments, is included in both parts of this volume. The 80 related-industry chapters were previously published as separate reports in series MC63(2)—, 19A to 39D.

VOLUME III. AREA STATISTICS

This volume contains separate chapters for each State and the District of Columbia. The statistics include all-manufacturing totals for the State and its standard metropolitan statistical areas, counties, and cities with populations of 10,000 or more, with industry detail for the larger areas. The volume also includes a summary chapter presenting data for each of the nine geographic divisions and a special report, Manufacturing Activity in Government Establishments. Each State chapter was previously published as a separate report in Series MC63(3)—, 1 to 51.

VOLUME IV. INDEXES OF PRODUCTION

This volume presents benchmark indexes of production for the manufacturing industries of the United States for the year 1963 compared with 1958 and for the year 1958 compared with 1954. The index numbers were calculated jointly by the Bureau of the Census and the Federal Reserve Board and are based on data from the 1963 and 1958 Censuses of Manufactures, updating benchmark figures based on 1954 data.

Indexes are shown for 430 individual industries, for industry groups and market categories, and for all manufacturing. Included are general-purpose industry indexes based on value added weights as for previous census years, and special purpose indexes applying other weighting systems such as value of shipments, employment, payrolls, man-hours, and electric energy used.

The volume includes descriptions of the concepts and methods employed together with appendix material showing the industry statistics used for weighting and wherever-made product indexes of output and average unit value for more than 1,000 product classes.

OTHER REPORTS

Two series of reports have been issued showing the number of manufacturing establishments in each of the approximately 430 manufacturing industries classified according to their employment size class and the State and county within which they are located. The first series places emphasis on the industry, showing data by location (State and county). Nine separate reports present data for 20 major industry groups. The second series places emphasis on the location showing data by industry. Nine reports—one for each of the nine geographic divisions of the United States—were published in this series. The series titles are as follows:

Location of Manufacturing Plants by Industry, County, and Employment Size (MC63(S)—3, numbers 1 to 9)

Location of Manufacturing Plants by County, Industry, and Employment Size (MC63(S)—4, numbers 1 to 9)

Introduction

This report is a supplement to the 1963 Census of Manufactures and presents statistics on consumption of steel mill shapes, brass mill shapes, aluminum and aluminum-base alloy mill shapes and castings, bare

wire and insulated wire and cable. The data are shown for the consumption of these shapes and forms (1) by industry, (2) by State, (3) by industry within State, and (4) by State economic area or combinations of such areas. In addition, the number of establishments consuming these materials is shown for each State economic area. These consumption data are presented in 19 tables, as indicated in the following table:

Subject	Table number for--				
	Steel mill shapes	Brass mill shapes	Bare copper wire, and insulated wire and cable	Aluminum	
				Mill shapes	Castings
Consumption--					
By industry.....	1	6	6	12	16
By State.....	2	7	7	13	17
By industry within State.....	3	8	10	14	18
By State economic area.....	4	9	11	15	19
Number of consuming establishments by State economic area.....	5	9	11	15	19

This report provides data comparable to those in the 1958 Census of Manufactures special report MC58(S)-5, "Consumption of Selected Metal Mill Shapes and Forms." This report includes information on aluminum and aluminum-base alloy mill shapes and brass mill shapes and bare wire in detail not available for 1958. The tables showing consumption by industry for 1963 include 2-digit industry group and 3-digit industry group totals. The tables showing consumption by industry within State include 2-digit industry group totals as well as totals for selected 4-digit industries.

The State economic areas are State subdivisions which were used to prepare special geographic tabulations of the 1963 census data. These areas are relatively homogeneous subdivisions of States and consist of single counties or groups of counties which have similar economic and social characteristics. Within a given State, they will be identical to the standard metropolitan statistical areas to the extent there are such areas in the State. Standard metropolitan statistical areas (SMSA) were developed to meet the need for the presentation of general purpose statistics by agencies of the Federal Government in accordance with specific criteria for defining such areas. The definitions of the SMSA's are established by the Bureau of the Budget with the advice of the Federal Committee on Standard Metropolitan Statistical Areas, which in turn is composed of representatives of the major Federal statistical agencies.

The State economic areas within a State are identified by a letter in the case of standard metropolitan statistical areas and by a number for nonmetropolitan areas. A

description of these areas and a list of the counties included in each are given in the appendix to this report.

The figures included in tables 1, 6, 12, and 16 of this report show consumption of selected steel, copper, and aluminum shapes, aluminum castings, and bare and insulated wire and cable by industry, and are also published in Volume II, Industry Statistics, and in Volume I, Summary Statistics, of the 1963 Census of Manufactures.

Although the inquiry on metals on the 1963 census schedules did not include a definition of the metal shapes specified, the metal fabricating companies' familiarity with the terms and their meaning provided a high degree of uniformity in reporting. The term "bars and bar shapes" appearing in the tables showing steel consumption, includes hot-rolled and cold-finished bars, and tool-steel bars; "sheet and strip" includes hot- and cold-rolled, galvanized, and long ternes, but excludes tinplate, terneplate, and blackplate; "wire and wire products" includes plain, galvanized, and other coated wire, as well as nails and spikes and other products made from drawn wire; "all other carbon steel mill shapes and forms" includes ingots, billets, concrete reinforcing bars, tinplate, terneplate, blackplate, pipe, tubing, and rails, but excludes forgings and materials fabricated beyond the steel mill level. The terms copper and copper-base alloy and aluminum and aluminum-base alloy rolled, drawn, and extruded shapes are similar to the steel mill products listed above, i.e., sheets, bars, tubing, wire, etc. They do not include wire bars, ingots, or other unrolled forms of copper or aluminum.

The aluminum castings reported represent rough and semifinished castings as they are usually received from foundries. Castings which had undergone extensive machining or other operations prior to their receipt at the consuming establishment are considered as fabricated products rather than rough castings, and are not included in these data. However, such castings are reported as consumed by the establishments performing the machining operations.

When comparing consumption data with production figures, it should be noted that the consumption data cover manufacturing industries only. Consumption of these metal shapes and castings in construction, mining, farm uses, construction and maintenance of power lines, and in other nonmanufacturing areas, such as export, is not covered.

The tables on consumption by industry include data for approximately 140 metal-fabricating industries. These represent all significant users of metal in manufacturing, and cover industries from Industry Group 34, "Fabricated Metal Products," through Industry Group 37, "Transportation Equipment," as well as several additional industries, including those in Industry Group 25, "Furniture and Fixtures." Although there were certain metal consuming industries, such as "Safes and Vaults" from which consumption data were either not collected or for which the quantities reported failed to meet publication standards, the omission of these industries affects coverage only slightly.

To relieve very small metal consumers from reporting amounts negligible in terms of total consumption, a minimum usage requirement was established. Expenditures of less than \$5,000 for each shape or form were exempt from reporting both in terms of cost and quantity. It is estimated that the use of this minimum reporting requirement on the coverage of these materials would not as a maximum equal 2 percent of total manufacturing consumption. However, these omissions may have a relatively greater impact on the more detailed statistics for industries within States and State economic areas contained in tables 3 to 5, 8 to 11, and 14, 15, 18, and 19. For this reason, data in tables 3 to 5 (steel mill shapes and forms) are shown only for those industries or areas with total consumption amounting to \$100 thousand or more. In like manner, data in tables 8 to 11 and 14, 15, 18, and 19 are limited to those industries or areas with total consumption of \$50 thousand or more.

STEEL MILL SHAPES AND FORMS

The data contained in tables 1 through 5 represent substantially complete coverage of the consumption of steel mill shapes and forms in manufacturing operations.

The tonnages shown in tables 1 and 2 include the quantities which were produced by rolling mills, pipe mills, and wiredrawing mills and consumed in the same establishment in the manufacture of fabricated products and maintenance and repair work as well as the tonnages consumed by establishments in the metal fabricating industries which are engaged primarily in the fabrication of products beyond the metal mill level. These industries include establishments whose primary activity is the manufacture of ordnance, furniture, fabricated metal products, machinery, electrical and electronic equipment,

transportation equipment and miscellaneous products. The data in tables 3 to 5 exclude the amounts consumed in primary metal industry plants.

The statistics included in this report show the consumption of carbon, alloy, and stainless steel in terms of quantity and delivered cost. The figures for carbon steel are subdivided by type of shape into six categories, namely, bars and bar shapes (except concrete reinforcing bars), sheet and strip, plates, structural shapes, wire and wire products, and all other shapes. For alloy (except stainless) steel, bars and all other shapes are shown separately; for stainless steel the figures for all shapes and forms are combined.

In the 1963 census, establishments classified in those industries which account for a significant portion of the total consumption of tinplate, terneplate, and blackplate reported their consumption of these materials separately. In this report the consumption data for these shapes are combined with those for "all other carbon mill shapes and forms." The industries for which separate figures on such plate were collected are industries: 3411, Metal Cans; 3461, Metal Stampings; and 3491, Metal Barrels, Drums, and Pails. In the 1963 census, separate consumption figures on concrete reinforcing bars were obtained from industries: 3441, Fabricated Structural Steel; 3443, Boiler Shop Products; 3444, Sheet Metalwork; 3446, Architectural Metalwork; and 3449, Miscellaneous Metalwork, N.E.C. Separate data are available in Volume II, Part 2, Industry Statistics, on the consumption of tinplate, terneplate, and blackplate and concrete reinforcing bars by these industries.

For the furniture and fixtures industries only carbon steel sheet and strip were collected separately. Statistics for other carbon shapes were collected in combination and are included in "all other carbon mill shapes and forms." Data for alloy bars and other shapes also were collected as a single item and are included in "all other alloy steel mill shapes and forms." For the iron and steel forgings industry, data were collected only for ingots, blooms, billets, slabs, and bars. The figures for ingots, blooms, billets, and slabs are combined with those for all other shapes and forms for carbon and alloy steel. Separate data on consumption of these shapes by industry 3391, Iron and Steel Forgings, are available in Volume II, Part 2, Industry Statistics.

BRASS MILL SHAPES

The data contained in tables 6 through 9 represent substantially complete coverage of the consumption of brass mill shapes in manufacturing operations. These industries include establishments which are engaged primarily in the manufacture of products beyond the metal mill or foundry level, such as ordnance, fabricated metal products, machinery, and transportation equipment.

The data on consumption of mill shapes and forms are subdivided into "rod, bar, and mechanical wire;" "plate, sheet, and strip;" and "pipe and tube."

ALUMINUM AND ALUMINUM-BASE ALLOY MILL SHAPES AND FORMS AND CASTINGS

The data contained in tables 12, 13, 14, and 15 represent substantially complete coverage of the con-

sumption of aluminum and aluminum-base alloy mill shapes and forms in manufacturing operations. Comparable data on the consumption of aluminum and aluminum-base alloy castings are included in tables 16, 17, 18, and 19. The industries covered include establishments which are engaged primarily in the manufacture of products beyond the metal mill or foundry level.

The data on consumption of mill shapes and forms are subdivided into "sheet, plate, and foil"; "extruded shapes"; and "all other aluminum mill shapes and forms."

The data shown as castings "received from other establishments" include in all tables the quantities received as interplant transfers from establishments owned by the same company but exclude the quantity produced and consumed in the same establishment.

For a few industries, States, and divisions, the data reported in tables 12 and 13 have been revised from that published in Volume I, Summary Statistics.

BARE WIRE AND INSULATED WIRE AND CABLE

The data contained in tables 6, 7, 10, and 11 represent substantially complete coverage of the consumption of bare wire and insulated wire and cable in manufacturing operations. These industries include establishments which are engaged primarily in the manufacture of products beyond the metal mill or foundry level such as ordnance, fabricated metal products, and electrical and nonelectrical machinery. Such activities as construction and utilities are excluded. Since these latter activities are especially important factors in the use of insulated wire and cable, it is important to note that the consumption data contained in this report for this material are much less complete than the comparable data for steel mill shapes, brass mill shapes, and aluminum and aluminum-base alloy mill shapes and castings.

The quantity data shown for insulated wire and cable represent copper content. No data are available on the aluminum content of insulated wire and cable.

GENERAL

The "Introduction" to the final volumes of the census of manufactures treats at greater length many of the subjects described in this introduction. For example, the volume text discusses the relationship of value added by manufacture to national income by industrial origin; the changes in statistical concepts over the history of the census; the valuation problems arising from intracompany transfers between manufacturing plants of a company and between manufacturing plants and sales offices and sales branches of a company.

The 1963 census is the 27th census of manufactures of the United States. The first census of manufactures covered 1809, and (with the exception of 1829) a census was taken at 10-year intervals in connection with the decennial census of population up to and including 1899. It was conducted at 5-year intervals from 1904 through 1919, and every other year from 1921 through 1939. The census was suspended during World War II, but it was

resumed for 1947. Present legislation (Title 13, U.S. Code) provides for a census of manufactures every 5 years, with annual sample surveys authorized for interim years. Such "Annual Surveys of Manufactures" were taken during the years 1949 through 1953, 1955 through 1957, 1959 through 1962, and 1964 through 1966. Recent amendments to the legislation stipulate that the census be conducted covering years ending in "2" and "7." Thus, the next census will be taken in 1968 covering manufacturing activity during 1967.

The 1963 Census of Manufactures was conducted jointly with the censuses of business (wholesale, retail, and services) and mineral industries, covering the United States, Guam, and the Virgin Islands. Separate censuses of manufactures and business for 1963 were also conducted in Puerto Rico jointly with the Commonwealth Government.

SCOPE OF CENSUS OF MANUFACTURES: DEFINITION OF MANUFACTURING INDUSTRIES

The 1963 Census of Manufactures covers all establishments primarily engaged in manufacturing as defined in the 1957 edition of the Standard Industrial Classification Manual, as amended to date. The system of industrial classification was developed over a period of years by experts on classification in government and private industry under the guidance of the Bureau of the Budget. This system of classification is in general use among government agencies and also outside the government. In 1957 the system was extensively revised and historical comparability of some data seriously affected. This revision and its effects on census series are discussed at length in the introduction and appendixes to the 1958 census volumes.

The Standard Industrial Classification Manual defines manufacturing as the mechanical or chemical transformation of inorganic or organic substances into new products. The assembly of component parts of products is also considered to be manufacturing if the resulting product is neither a structure nor other fixed improvement. These activities are usually carried on in plants, factories, or mills, which characteristically use power-driven machines and materials-handling equipment.

Manufacturing production is usually carried on for the wholesale market, for transfers to other plants of the same company, or to the order of industrial users rather than for direct sale to the household consumer. Some manufacturers in a few industries sell chiefly at retail to household consumers through the mail, through house-to-house routes, or through salesmen. Some activities of a service nature (enameling, engraving, etc.) are included in manufacturing when they are performed primarily for the trade; but they are considered nonmanufacturing when they are performed primarily to the order of the household consumer.

ESTABLISHMENT BASIS OF REPORTING

The census of manufactures is conducted on an establishment basis. That is, a company operating establishments at more than one location is required to submit a report for each location; also, companies engaged in distinctly different lines of activity at one location are required to submit separate reports if the plant records

permit such a separation and if the activities are substantial in size.

Census tabulations of establishment reports, therefore, differ substantially from those prepared on a company basis; i.e., from consolidated reports which not only combine activities at different locations (thereby eliminating interplant transfers) but also include the non-manufacturing activities of companies primarily engaged in manufacturing.

In 1963, as in earlier years, a minimum size limit was set for including establishments in the census. Reports were required from all establishments employing one or more persons at any time during the census year. The same size limitation has applied since 1947 in censuses and annual surveys of manufactures. In the 1939 and earlier censuses, establishments with less than \$5,000 value of products were excluded. The change in the minimum size limit in 1947 does not appreciably affect the historical comparability of the census figures except for data on number of establishments for a few industries.

INDUSTRY CLASSIFICATION OF ESTABLISHMENTS

Each of the establishments covered in the census was classified in one of approximately 425 manufacturing industries in accordance with the industry definitions embodied in the Standard Industrial Classification (SIC) system. Under this system of classification, an industry is generally defined as a group of establishments producing a single product or more or less closely related group of products. The product groupings from which industry classifications are derived are based on such considerations as whether they are typically produced by the same establishment, similarity of manufacturing processes, types of material used, types of customers, and the like. The resulting group of plants must be significant in terms of their number, value added by manufacturing, value of shipments, and number of employees. The application of these criteria has led to the establishment of 425 manufacturing industries. The system operates in such a way that the definitions become progressively narrower with successive additions of numerical digits. At one extreme are the 21 very broad 2-digit groups and at the other about 10,000 individual 7-digit products. In between are approximately 150 3-digit groups, 425 4-digit industries, and 1,100 5-digit product classes. The 7-digit products and 5-digit product classes are considered the primary products of the industry with the same first four digits. Accordingly, an establishment is classified in a particular industry if its production of the primary products of that industry exceeds in value its production of products of any other single industry. In a few instances, however, the industry classification of an establishment is determined not only by the products it makes but also by the processes employed in making those products.

While some establishments produce only the primary products of the industry in which they are classified, it rarely happens that all the establishments in an industry specialize to this extent. The general statistics (employment, inventories, value added by manufacture, total value of shipments including resales and miscellaneous receipts, etc.) shown for an industry, therefore, reflect

not only the primary activities of the establishments in that industry but also their activities of a secondary nature.

However, in many industries establishments making products falling into the same industry category may use a variety of processes and materials to produce them. Also, within the same industry classification based on end products may be included establishments which are highly integrated and those which put only the finishing touches on an already highly fabricated item. For example, in the refrigeration industry, there are instances of almost complete integration in which the production of the compressor and condensing unit, electric motor, and even the castings for those intermediate products, as well as the stamping of the case and the final assembly, are all carried on at one plant. On the other hand, the condensing unit, the motor and the case may be purchased and merely assembled into the finished product. In some instances, separate industry categories have been established for integrated and nonintegrated establishments.

THE CENSUS REPORT FORMS

The 1963 Census of Manufactures, similar to all those since 1947, was completely a mail canvass. The diversity of manufacturing activities made it necessary to use over 200 different report forms to canvass the approximately 425 manufacturing industries. However, "standard" forms, requiring full census detail were sent only to those manufacturing plants above a given size in terms of number of employees. In order to minimize the cost and reporting burden for the numerous smaller establishments which typically have less detailed records and represent a very minor portion of manufacturing output and employment, special short forms were developed. The data requirements for small establishments were limited to a few key items on employment, payroll, total cost of materials, and a preprinted list of product class items in the shipments inquiry. In only a few industries did these small plants account for a substantial portion of the industry's total output in the aggregate. In these industries, modified short forms were used which requested shipments data for specified 7-digit products. While the size cutoffs for short forms varied according to the industry, they ranged from less than 4 to less than 10 employees.

From the administrative records of the Social Security Administration, and existing Bureau of the Census records it was possible to determine correctly, in most cases, the type of form each manufacturing establishment should receive.

CONFIDENTIALITY OF DATA FOR INDIVIDUAL COMPANIES

The Bureau of the Census is prohibited by law from publishing any statistics that disclose information reported by individual companies. In suppressing figures to avoid disclosing information of individual companies, geographic region and division totals are given precedence over individual States; States are given precedence over

standard metropolitan statistical areas; standard metropolitan statistical areas over counties; and counties over cities. In tables showing industry detail, major industry group (2-digit) totals take preference over industry group (3-digit) totals which, in turn, take precedence over individual (4-digit) industries.

ABBREVIATIONS

The following abbreviations and symbols occur frequently, both in the census tables and footnotes:

-	zero
X	not applicable

NA	not available
D	withheld to avoid disclosing figures for individual companies
n.e.c.	not elsewhere classified
n.s.k.	not specified by kind
lin.	linear
equiv.	equivalent
SIC	Standard Industrial Classification

Other abbreviations, such as lb., gal., yd., doz., and bbl., are used in the customary sense. Where the term "tons" only is used, it refers to short tons of 2,000 lbs.; where the figures are expressed in tons of 2,240 lbs., the unit of measure is specified as "long tons" or "gross tons."

TABLE 1 Consumption of Steel Mill Shapes and Forms,

Code	Industry group and industry ¹	Total all grades		Carbon steel							
				Total		Bars, and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plates (331013)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
	Steel producing and fabricating industries, total.....	61,477,329	(X)	57,190,445	(X)	6,357,078	(X)	26,900,056	(X)	6,173,618	(X)
	Steel producing industries, total ³	3,364,261	(X)	2,890,959	(X)	355,685	(X)	811,488	(X)	35,994	(X)
	Steel fabricating industries, total ⁴	58,113,068	10,855,519	54,299,486	9,102,423	6,001,393	1,086,465	26,088,568	4,074,695	6,137,624	912,149
25	Furniture and fixtures.....	1,442,072	249,166	1,384,930	232,370	(X)	(X)	1,113,393	177,128	(X)	(X)
30	Rubber and plastics products, n.e.c.....	92,800	38,254	92,800	38,254	(X)	(X)	(X)	(X)	(X)	(X)
32	Stone, clay and glass products.....	126,668	17,740	126,668	17,740	(X)	(X)	(X)	(X)	(X)	(X)
33	Primary metal industries.....	1,559,975	324,815	⁵ 968,443	⁵ 150,922	⁵ 577,850	⁵ 96,529	(X)	(X)	(X)	(X)
34	Fabricated metal products.....	24,872,522	4,566,027	23,875,620	4,084,328	1,809,571	316,124	(D)	(D)	2,878,883	418,080
35	Machinery, except electrical...	7,594,847	1,718,749	6,613,295	1,205,268	1,775,942	348,505	2,128,256	359,530	(D)	(D)
36	Electrical machinery.....	5,031,052	985,720	4,783,170	837,117	442,129	90,112	3,464,845	571,940	168,285	24,378
37	Transportation equipment.....	16,762,159	2,745,466	⁶ 15,940,746	⁶ 2,420,355	⁶ 1,315,444	⁶ 218,450	⁶ 1,381,452	⁶ 1,761,099	⁶ 1,537,226	⁶ 227,443
38	Instruments and related products.....	127,626	50,026	113,880	31,226	(D)	(D)	53,805	12,039	7,827	1,446
39	Miscellaneous manufacturing.....	273,085	86,006	220,012	49,993	(X)	(X)	(X)	(X)	(X)	(X)
19	Ordnance and accessories.....	230,262	73,550	(D)	(D)	60,931	10,876	60,963	12,626	(D)	(D)
25	Furniture and fixtures.....	1,442,072	249,166	1,384,930	232,370	(X)	(X)	1,113,393	177,128	(X)	(X)
251	Household furniture.....	454,833	83,125	429,390	76,903	(X)	(X)	282,648	46,156	(X)	(X)
2511	Wood furniture not upholstered.....	18,337	3,530	16,106	2,952	(X)	(X)	(NA)	1,492	(X)	(X)
2514	Metal household furniture....	365,313	66,137	343,383	60,887	(X)	(X)	234,975	37,657	(X)	(X)
2515	Mattresses and bedsprings....	71,183	13,458	69,901	13,064	(X)	(X)	38,536	7,007	(X)	(X)
252	Office furniture.....	339,291	53,776	327,484	51,749	(X)	(X)	303,923	46,560	(X)	(X)
2521	Wood office furniture.....	3,883	919	3,755	783	(X)	(X)	(NA)	100	(X)	(X)
2522	Metal office furniture.....	335,408	52,857	323,729	50,966	(X)	(X)	303,270	46,460	(X)	(X)
2531	Public building furniture.....	95,776	17,785	94,324	16,952	(X)	(X)	70,080	12,345	(X)	(X)
254	Partitions and fixtures.....	440,985	72,602	428,427	67,649	(X)	(X)	397,573	60,982	(X)	(X)
2541	Wood partitions and fixtures.	11,252	3,117	8,146	1,546	(X)	(X)	(NA)	716	(X)	(X)
2542	Metal partitions and fixtures	429,733	69,485	420,281	66,103	(X)	(X)	392,906	60,266	(X)	(X)
259	Furniture and fixtures, n.e.c..	1,118,187	21,878	105,305	19,117	(X)	(X)	59,169	11,085	(X)	(X)
2591	Venetian blinds and shades...	84,526	15,659	81,291	15,030	(X)	(X)	45,566	8,756	(X)	(X)
2599	Furniture and fixtures, n.e.c.	26,661	6,219	24,014	4,087	(X)	(X)	(NA)	2,329	(X)	(X)
30	Rubber and plastics products, n.e.c.....	92,800	38,254	92,800	38,254	(X)	(X)	(X)	(X)	(X)	(X)
3011	Tires and inner tubes.....	68,373	25,962	68,373	25,962	(X)	(X)	(X)	(X)	(X)	(X)
3031	Reclaimed rubber and rubber products, n.e.c.....	24,427	12,292	24,427	12,292	(X)	(X)	(X)	(X)	(X)	(X)
3069											
32	Stone, clay and glass products.....	126,668	17,740	126,668	17,740	(X)	(X)	(X)	(X)	(X)	(X)
3271	Concrete block and brick.....	8,743	1,224	8,743	1,224	(X)	(X)	(X)	(X)	(X)	(X)
3272	Other concrete products.....	117,925	16,516	117,925	16,516	(X)	(X)	(X)	(X)	(X)	(X)
33	Primary metal industries...	1,559,975	324,815	⁵ 968,442	⁵ 150,922	⁵ 577,850	⁵ 96,529	(X)	(X)	(X)	(X)
3391	Iron and steel forgings.....	1,536,182	311,736	968,442	150,922	577,850	96,529	(X)	(X)	(X)	(X)
3392	Nonferrous forgings.....	23,793	13,079	(D)	(D)	(D)	(D)	(X)	(X)	(X)	(X)
34	Fabricated metal products..	24,872,522	4,566,027	23,875,620	4,084,328	1,809,571	316,124	(D)	(D)	2,878,883	418,080
3411	Metal cans.....	4,623,028	941,743	4,622,688	941,566	(D)	(D)	(D)	(D)	(X)	(X)
342	Cutlery, hand tools, hardware..	1,136,941	271,237	1,036,698	200,260	(D)	(D)	722,684	134,783	(D)	(D)
3421	Cutlery.....	28,343	13,443	21,249	6,875	4,300	773	14,216	5,450	(D)	(D)
3423	Hand and edge tools.....	203,598	45,142	162,328	32,396	91,726	17,165	60,088	11,858	967	236
3425	Hand saws and saw blades.....	22,864	19,682	12,401	6,862	(D)	(D)	8,003	5,190	777	244
3429	Hardware, n.e.c.....	882,136	192,970	840,720	154,127	89,486	16,397	640,377	112,285	3,857	642

See footnotes at end of table.

by Selected Industry Groups and Industries: 1963

Carbon steel—Continued						Alloy steel									Code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042) ²		Total		Bar and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)			
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)		
4,126,464	(X)	3,113,558	(X)	10,519,671	(X)	4,286,884	(X)	1,838,700	(X)	1,911,935	(X)	536,249	(X)		
202,790	(X)	583,392	(X)	901,610	(X)	473,302	(X)	52,767	(X)	397,081	(X)	23,454	(X)		
3,923,674	598,430	2,530,166	572,592	9,618,061	1,858,092	3,813,582	1,753,096	1,785,933	515,947	1,514,854	586,576	512,795	650,573		
(X)	(X)	(X)	(X)	271,537	55,242	57,142	16,796	(X)	(X)	49,630	8,800	7,512	7,996	25	
(X)	(X)	92,800	38,254	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	30	
(X)	(X)	(X)	(X)	126,668	17,740	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	32	
(X)	(X)	(X)	(X)	⁵ 390,592	⁵ 54,393	⁵ 567,740	⁵ 160,814	⁵ 351,519	⁵ 85,228	⁵ 201,157	⁵ 58,035	⁵ 15,064	⁵ 17,551	33	
2,837,900	418,226	(D)	(D)	7,199,060	1,358,834	996,902	481,699	339,988	79,947	439,009	139,356	217,905	262,396	34	
(D)	(D)	(D)	(D)	541,186	130,190	981,552	513,481	(D)	(D)	(D)	(D)	108,053	149,664	35	
48,560	12,972	308,293	61,117	351,058	76,598	247,882	148,603	3,496	2,981	206,597	97,466	37,789	48,156	36	
⁶ 491,959	⁶ 75,218	⁶ 167,676	⁶ 40,749	⁶ 446,989	⁶ 97,396	⁶ 816,576	⁶ 320,577	⁶ 572,473	⁶ 135,842	⁶ 165,213	⁶ 75,936	⁶ 78,890	⁶ 108,799	37	
2,189	550	(D)	(D)	(D)	(D)	13,746	18,800	(D)	(D)	(D)	(D)	9,837	15,606	38	
(X)	(X)	(X)	(X)	220,012	49,993	53,073	36,013	(X)	(X)	25,800	11,099	27,273	24,914	39	
(D)	(D)	2,106	792	38,069	6,953	(D)	(D)	24,584	14,288	(D)	(D)	8,924	13,198	19	
(X)	(X)	(X)	(X)	271,537	55,242	57,142	16,796	(X)	(X)	49,630	8,800	7,512	7,996	25	
(X)	(X)	(X)	(X)	146,742	30,747	25,443	6,222	(X)	(X)	(D)	(D)	(D)	(D)	251	
(X)	(X)	(X)	(X)	(NA)	1,460	2,231	578	(X)	(X)	(NA)	359	(NA)	219	2511	
(X)	(X)	(X)	(X)	108,408	23,230	21,930	5,250	(X)	(X)	(NA)	3,616	1,536	1,634	2514	
(X)	(X)	(X)	(X)	31,365	6,057	1,282	394	(X)	(X)	(D)	(D)	(D)	(D)	2515	
(X)	(X)	(X)	(X)	23,561	5,189	11,807	2,027	(X)	(X)	11,400	1,594	407	433	252	
(X)	(X)	(X)	(X)	(NA)	683	129	136	(X)	(X)	(X)	(X)	(NA)	136	2521	
(X)	(X)	(X)	(X)	20,459	4,506	11,679	1,891	(X)	(X)	11,400	1,594	(NA)	297	2522	
(X)	(X)	(X)	(X)	24,244	4,607	1,452	833	(X)	(X)	1,214	580	(NA)	253	2531	
(X)	(X)	(X)	(X)	30,854	6,667	12,558	4,953	(X)	(X)	9,491	1,746	3,067	3,207	254	
(X)	(X)	(X)	(X)	(NA)	830	3,106	1,571	(X)	(X)	(NA)	605	(NA)	966	2541	
(X)	(X)	(X)	(X)	(NA)	5,837	9,452	3,382	(X)	(X)	(NA)	1,141	(NA)	2,241	2542	
(X)	(X)	(X)	(X)	46,136	8,032	5,882	2,761	(X)	(X)	(D)	(D)	(D)	(D)	259	
(X)	(X)	(X)	(X)	35,725	6,274	3,235	629	(X)	(X)	(D)	(D)	(D)	(D)	2591	
(X)	(X)	(X)	(X)	(NA)	1,758	2,647	2,132	(X)	(X)	(NA)	148	1,810	1,984	2599	
(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	30	
(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	3011	
(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	3031	
(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	3069	
(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	32	
(X)	(X)	(X)	(X)	126,668	17,740	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	3271	
(X)	(X)	(X)	(X)	(NA)	1,224	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	3272	
(X)	(X)	(X)	(X)	117,925	16,516	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)		
(X)	(X)	(X)	(X)	⁵ 390,592	⁵ 54,393	⁵ 567,740	⁵ 160,814	⁵ 351,519	⁵ 85,228	⁵ 201,157	⁵ 58,035	⁵ 15,064	⁵ 17,551		
(X)	(X)	(X)	(X)	390,592	54,393	567,740	160,814	351,519	85,228	201,157	58,035	15,064	17,551		
(X)	(X)	(X)	(X)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)		
2,837,900	418,226	(D)	(D)	7,199,060	1,358,834	996,902	481,699	339,988	79,947	439,009	139,356	217,905			
(X)	(X)	3,353	1,090	(D)	(D)	340	177	(X)	(X)	(D)	(D)	(D)	(D)	3411	
(X)	(X)	(D)	(D)	22,063	7,336	100,243	70,977	41,366	13,031	13,739	13,694			342	
(X)	(X)	341	109	(D)	(D)	7,094	6,568	(D)	(D)	(D)	(D)			3421	
(X)	(X)	4,828	1,549	4,719	1,588	41,270	12,746	37,330	10,233	1,000	1,000			3423	
(X)	(X)	(D)	(D)	(D)	(D)	10,463	12,820	(D)	(D)	(D)	(D)			3425	
(X)	(X)	92,286	19,859	14,714	4,944	41,416	38,843	(X)	(X)			37,264		3429	

TABLE 1. Consumption of Steel Mill Shapes and Forms,

Code	Industry group and industry ¹	Total all grades		Carbon steel							
				Total		Bars, and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plates (331013)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
343	Plumbing and heating, except electric.....	543,912	100,682	524,404	85,750	12,198	2,209	431,636	68,817	(D)	(D)
3431	Metal plumbing fixtures.....	64,676	15,891	58,785	9,285	897	178	55,738	8,681	(D)	(D)
3432	Plumbing fittings, brass goods.....	15,995	5,230	13,630	3,191	(X)	(X)	4,285	844	1,105	190
3433	Heating equipment, except electric.....	463,241	79,561	451,989	73,274	11,301	2,031	371,613	59,292	49,279	6,954
344	Structural metal products.....	10,712,799	1,691,901	10,463,033	1,566,717	(D)	(D)	2,546,365	418,178	2,639,549	383,479
3441	Fabricated structural steel..	4,562,760	676,937	4,518,950	663,899	362,049	53,253	311,505	48,390	969,636	142,951
3442	Metal doors, sash, and trim..	368,852	66,459	356,785	57,599	(D)	(D)	269,792	42,948	2,911	474
3443	Boiler shop products.....	2,411,265	427,599	2,278,120	354,700	67,165	11,364	377,261	56,595	1,500,821	215,802
3444	Sheet metal work.....	1,298,054	238,871	1,254,140	213,890	36,620	6,475	1,077,905	184,970	83,968	11,896
3446	Architectural metal work.....	203,040	35,111	200,439	33,674	44,400	7,796	79,246	12,598	19,111	2,952
3449	Miscellaneous metal work, n.e.c.....	1,868,828	246,924	1,854,599	242,955	222,617	32,124	430,656	72,677	63,102	9,404
345	Screw machine products, bolts, etc.....	1,537,179	339,466	1,396,610	274,182	529,652	106,756	133,965	23,944	22,296	2,468
3451	Screw machine products.....	261,555	73,835	237,019	58,441	225,631	55,658	2,864	596	376	74
3452	Bolts, nuts, rivets, and washers.....	1,275,624	265,631	1,159,591	215,741	304,021	51,098	131,101	23,348	21,920	2,394
3461	Metal stampings.....	3,102,909	579,871	2,936,219	477,886	111,749	18,978	2,167,494	335,917	106,281	14,988
3481	Fabricated wire products, n.e.c.	1,134,779	257,518	1,108,346	239,719	30,458	5,440	137,110	24,798	(X)	(X)
349	Fabricated metal products, n.e.c.....	2,080,975	383,609	1,787,622	298,248	186,628	33,023	1,140,763	172,899	(D)	(D)
3491	Metal barrels, drums, and pails.....	811,569	121,623	807,366	118,580	3,484	533	727,154	106,280	(D)	(D)
3493	Steel springs.....	335,738	61,727	129,075	25,916	65,537	11,009	49,616	8,934	(X)	(X)
3494	Valves and pipe fittings.....	219,192	60,327	182,760	35,909	61,795	11,707	39,618	6,616	26,782	4,457
3498	Fabricated pipe and fittings..	254,720	60,771	240,362	47,722	14,425	3,284	21,246	3,227	3,549	679
3499	Fabricated metal products, n.e.c.....	459,756	79,161	428,059	70,121	41,387	6,490	303,129	47,842	23,460	3,548
35	Machinery, except electrical.....	7,594,847	1,718,749	6,613,295	1,205,268	1,775,942	348,505	2,128,256	359,530	(D)	(D)
351	Engines and turbines.....	233,879	59,628	205,815	38,108	42,567	8,620	60,918	13,002	85,908	11,846
3511	Steam engines and turbines...	123,291	34,021	108,464	17,866	9,969	1,849	18,569	3,746	70,863	9,611
3519	Internal combustion engines..	110,588	25,607	97,351	20,242	32,598	6,771	42,349	9,256	15,045	2,235
3522	Farm machinery and equipment...	1,674,597	273,007	1,610,393	253,759	551,790	87,412	705,426	104,148	111,960	16,842
353	Construction and like equipment	2,214,441	395,663	1,976,391	327,330	463,593	78,829	237,966	36,702	763,991	112,991
3531	Construction machinery.....	1,201,638	202,051	1,097,557	176,305	271,945	43,949	103,966	16,092	506,170	74,131
3532	Mining machinery and equipment.....	115,536	21,622	98,030	16,249	21,917	4,463	5,734	955	46,244	6,841
3533	Oil field machinery.....	257,515	57,630	154,438	28,224	50,005	9,232	-	-	44,780	6,811
3534	Elevators and moving stairways.....	88,797	17,537	87,329	16,563	18,516	3,281	20,199	3,481	8,868	1,439
3535	Conveyors.....	221,200	40,427	214,665	36,328	42,897	7,562	57,475	8,844	37,870	5,604
3536	Hoists, cranes, and mono-rails.....	152,047	26,641	149,737	25,412	15,836	3,142	7,198	979	65,967	10,441
3537	Industrial trucks and tractors.....	177,708	29,755	174,635	28,249	42,477	7,200	43,394	6,351	54,092	7,724
354	Metalworking machinery.....	635,728	208,575	543,912	122,868	185,046	53,193	78,415	14,599	229,131	40,015
3541	Metal-cutting machine tools..	95,305	28,059	73,788	18,198	37,391	10,485	7,734	1,388	20,023	3,461
3542	Metal-forming machine tools..	122,499	25,525	116,149	21,064	23,264	6,159	3,632	1,124	86,506	13,008
3544	Special dies and tools.....	216,234	76,738	190,718	49,678	64,308	21,917	45,049	7,934	66,201	14,346
3545	Machine tool accessories.....	61,504	48,979	41,180	12,058	32,907	8,962	1,793	604	2,105	725
3548	Metalworking machinery, n.e.c.	140,186	29,274	122,077	21,870	27,176	5,670	20,207	3,549	54,296	8,475
355	Special industry machinery....	568,351	167,694	514,294	113,508	178,016	42,502	114,052	22,807	126,215	21,607
3551	Food products machinery.....	113,359	34,530	98,905	19,764	26,494	6,713	35,337	5,927	18,427	2,906
3552	Textile machinery.....	89,327	29,624	84,547	23,683	41,487	10,080	24,379	5,391	(X)	(X)
3553	Woodworking machinery.....	55,301	15,765	52,018	12,478	19,343	4,399	17,669	4,674	10,284	1,890
3554	Paper industries machinery...	56,497	21,272	48,926	10,528	19,848	4,847	(X)	(X)	21,866	3,691
3555	Printing trades machinery....	29,424	9,365	26,770	7,519	18,215	5,057	2,401	527	2,530	642
3559	Special industry machinery, n.e.c.....	224,443	57,138	203,128	39,536	52,629	11,406	34,266	6,288	73,108	12,478

See footnotes at end of table.

by Selected Industry Groups and Industries: 1963-Continued

Carbon steel—Continued						Alloy steel									Code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042) ²		Total		Bar and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)			
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)		
2,967 (X)	594 (X)	1,726 (X)	559 (X)	(D) (D)	(D) (D)	19,508 5,891	14,932 6,606	(D) 1,117	(D) 148	(D) —	(D) —	9,719 4,774	11,738 6,458	3431	
(X)	(X)	(X)	(X)	8,240	2,157	2,365	2,039	(D)	(D)	(D)	(D)	2,019	1,890	3432	
2,967	594	1,726	559	15,103	3,844	11,252	6,287	663	227	7,663	2,670	2,926	3,390	3433	
2,770,594	407,707	118,170	20,009	(D)	(D)	249,766	125,184	(D)	(D)	(D)	(D)	49,520	65,466	344	
2,432,411	354,570	37,106	6,103	406,243	58,632	43,810	13,038	9,908	1,671	30,750	7,402	3,152	3,965	3441	
21,741	3,507	2,172	715	(D)	(D)	12,067	8,860	(D)	(D)	(D)	(D)	7,586	7,763	3442	
165,278	24,769	11,799	2,274	155,796	43,896	133,145	72,899	4,701	1,739	105,681	38,102	22,763	33,058	3443	
34,977	5,939	2,602	794	18,068	3,816	43,914	24,981	1,010	262	28,458	6,078	14,446	18,641	3444	
36,598	6,129	3,715	823	17,369	3,376	2,601	1,437	1,275	283	639	380	687	774	3446	
79,589	12,793	60,776	9,300	997,859	106,657	14,229	3,969	3,255	679	10,088	2,025	886	1,265	3449	
(X)	(X)	658,727	129,149	51,970	11,865	140,569	65,284	69,057	20,175	49,885	16,246	21,627	28,863	345	
(X)	(X)	4,842	1,108	3,306	1,005	24,536	15,394	17,259	6,056	960	944	6,317	8,394	3451	
(X)	(X)	653,885	128,041	48,664	10,860	116,033	49,890	51,798	14,119	48,925	15,302	15,310	20,469	3452	
14,495	2,882	43,843	8,573	492,357	96,548	166,690	101,985	4,561	3,044	95,166	24,914	66,963	74,027	3461	
2,536	554	908,400	201,780	29,842	7,147	26,433	17,799	14,061	3,338	7,220	4,208	5,152	10,253	3481	
47,308	6,489	31,712	9,862	(D)	(D)	293,353	85,361	(D)	(D)	86,629	22,733	(D)	(D)	349	
(D)	(D)	10,791	1,824	(D)	(D)	4,203	3,043	—	—	(D)	(D)	(D)	(D)	3491	
(X)	(X)	11,659	5,416	2,263	557	206,663	35,811	(D)	(D)	(D)	(D)	207	452	3493	
(X)	(X)	(X)	(X)	54,565	13,129	36,432	24,418	15,067	4,323	9,008	3,585	12,357	16,510	3494	
(D)	(D)	858	346	(D)	(D)	14,358	13,049	1,521	808	10,005	6,850	2,832	5,391	3498	
15,585	2,278	8,404	2,276	36,094	7,687	31,697	9,040	2,413	1,104	26,500	4,423	2,784	3,513	3499	
(D)	(D)	(D)	(D)	541,186	130,190	981,552	513,481	(D)	(D)	(D)	(D)	108,053	149,664	35	
7,665	1,262	(D)	(D)	(D)	(D)	28,064	21,520	13,329	5,223	5,940	4,923	8,795	11,374	351	
4,380	687	(D)	(D)	(D)	(D)	14,827	16,155	3,650	2,350	4,020	4,113	7,157	9,692	3511	
3,285	575	1,288	441	2,786	964	13,237	5,365	9,679	2,873	1,920	810	1,638	1,682	3519	
81,054	12,213	23,194	4,848	136,969	28,296	64,204	19,248	48,651	10,879	12,726	4,147	2,827	4,222	3522	
293,741	46,955	10,228	5,546	206,872	46,307	238,050	68,333	133,827	34,378	98,001	25,646	6,222	8,309	353	
115,418	17,958	5,335	2,855	94,723	21,320	104,081	25,746	48,590	11,784	55,077	13,403	414	559	3531	
15,484	2,353	281	85	8,370	1,552	17,506	5,373	8,665	2,519	8,173	1,935	668	919	3532	
32,141	5,109	—	—	27,512	7,072	103,077	29,406	75,025	19,514	26,207	7,273	1,845	2,619	3533	
17,356	2,700	1,380	977	21,010	4,685	1,468	974	—	—	880	251	588	723	3534	
46,670	7,994	1,723	902	28,030	5,422	6,535	4,099	—	—	4,361	1,356	2,174	2,743	3535	
47,407	7,250	1,127	644	12,202	2,956	2,310	1,229	1,547	561	669	521	94	147	3536	
19,265	3,591	382	83	15,025	3,300	3,073	1,506	—	—	2,634	907	439	599	3537	
24,103	5,480	3,611	1,566	23,606	8,015	91,816	85,707	64,750	62,445	23,910	18,620	3,156	4,642	354	
3,612	1,087	(NA)	87	4,827	1,690	21,517	9,861	17,591	6,906	3,472	2,199	454	756	3541	
2,027	403	(NA)	71	556	299	6,350	4,461	3,978	2,836	1,787	926	585	699	3542	
6,053	1,657	449	326	8,658	3,498	25,516	27,060	15,960	19,417	7,791	5,296	1,765	2,347	3544	
881	282	469	181	3,025	1,304	20,324	36,921	14,955	28,732	5,246	7,963	123	226	3545	
11,530	2,051	2,328	901	6,540	1,224	18,109	7,404	12,266	4,554	5,614	2,236	229	614	3548	
46,528	8,713	9,781	6,645	39,702	11,234	54,057	54,186	10,457	4,856	16,659	8,376	26,941	40,954	355	
12,227	2,159	(X)	(X)	6,420	2,059	14,454	14,766	(X)	(X)	4,061	1,583	10,393	13,183	3551	
9,526	1,914	5,965	4,992	3,190	1,306	4,780	5,941	(X)	(X)	2,127	1,149	2,653	4,792	3552	
(X)	(X)	(X)	(X)	4,722	1,515	3,283	3,287	(X)	(X)	3,110	2,685	173	602	3553	
(X)	(X)	(X)	(X)	7,212	1,990	7,571	10,744	(X)	(X)	2,386	1,090	5,185	9,654	3554	
1,736	449	(NA)	37	1,834	807	2,654	1,846	1,799	776	442	166	413	906	3555	
23,039	4,191	3,762	1,616	16,324	3,557	21,315	17,602	8,658	4,080	4,533	1,703	8,124	11,819	3559	

TABLE 1. Consumption of Steel Mill Shapes and Forms,

Code	Industry group and industry ¹	Total all grades		Carbon steel						Plates (331013)	
				Total		Bars, and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)			
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
35	Machinery, except electrical—Continued										
356	General industrial machinery....	1,194,480	348,662	777,692	156,670	182,221	39,192	328,528	59,540	(D)	(D)
3561	Pumps and compressors.....	167,142	42,343	145,142	29,405	38,893	8,716	33,058	5,651	34,246	5,552
3562	Ball and roller bearings.....	432,178	166,399	112,474	28,398	13,210	4,479	68,378	13,105	3,837	505
3564	Blowers and fans.....	118,215	21,527	113,744	19,115	10,114	1,925	72,286	11,437	19,479	2,853
3565	Industrial patterns.....	2,467	732	2,090	485	579	155	116	36	(D)	(D)
3566	Power transmission equipment..	262,738	63,996	208,601	43,927	78,833	16,472	85,047	18,067	29,926	4,682
3567	Industrial furnaces and ovens..	78,015	20,645	73,132	12,356	(X)	(X)	38,701	5,983	18,885	3,202
3569	General industry machines, n.e.c.....	133,725	33,020	122,509	22,984	40,592	7,445	30,942	5,261	21,982	3,708
357	Office machines, n.e.c.....	132,632	37,442	127,078	31,999	23,381	6,615	80,941	18,132	(X)	(X)
3571	Computing and related machines	41,038	13,462	37,727	10,197	11,032	3,248	22,944	5,571	(X)	(X)
3572	Typewriters.....	29,112	7,843	28,478	7,380	5,864	1,464	20,177	5,265	(X)	(X)
3576	Scales and balances.....	32,126	6,107	31,550	5,416	2,098	536	22,545	3,465	(X)	(X)
3579	Office machines, n.e.c.....	30,356	10,030	29,323	9,006	4,387	1,367	15,275	3,831	(X)	(X)
358	Service industry machines.....	633,598	144,510	596,537	107,682	45,979	9,886	460,709	79,928	52,706	8,692
3581	Automatic vending machines....	63,369	14,081	60,383	10,722	1,362	338	58,009	10,099	189	56
3582	Commercial laundry equipment..	30,459	8,335	28,053	5,543	5,173	1,055	14,255	2,341	4,687	898
3585	Refrigeration machinery.....	464,049	97,422	443,893	79,204	27,134	5,080	347,565	60,963	44,339	7,035
3586	Measuring and dispensing pumps	26,646	6,371	25,823	5,196	8,169	2,154	13,478	2,229	1,137	148
3589	Service industry machines, n.e.c.....	49,075	18,301	38,385	7,017	4,141	1,259	27,402	4,296	2,354	555
3599	Miscellaneous machinery.....	307,141	83,568	261,183	53,344	103,349	22,256	61,301	10,672	36,974	6,317
36	Electrical machinery.....	5,031,052	985,720	4,783,170	837,117	442,129	90,112	3,464,845	571,940	168,285	24,378
361	Electric distribution products..	623,139	147,259	506,991	99,203	29,780	5,466	373,277	74,802	65,436	8,703
3611	Electric measuring instruments	14,345	5,037	9,995	2,552	919	540	8,759	1,631	90	27
3612	Transformers.....	350,353	96,565	241,858	53,053	8,021	1,388	164,036	39,325	48,301	6,527
3613	Switchgear and switchboards...	258,441	45,657	255,138	43,598	20,840	3,538	200,482	33,846	17,045	2,149
362	Electric industrial apparatus...	1,103,335	221,654	1,068,257	190,786	118,302	25,861	599,348	106,277	56,496	8,755
3621	Motors and generators.....	755,034	145,970	737,962	134,782	99,561	21,648	546,804	95,628	55,441	8,545
3622	Industrial controls.....	48,222	11,376	45,221	8,983	8,743	1,810	29,788	5,613	1,055	210
3623	Electric welding apparatus....	300,079	64,308	285,074	47,021	9,998	2,403	22,756	5,036	(X)	(X)
363	Household appliances.....	1,830,207	315,679	1,801,378	292,332	(D)	(D)	(D)	(D)	(D)	(D)
3631	Household cooking equipment....	256,614	47,209	252,922	42,410	1,410	438	244,929	40,316	(D)	(D)
3632	Household refrigerators.....	676,736	109,852	672,465	106,245	(D)	(D)	640,615	98,536	(D)	(D)
3633	Household laundry equipment...	430,942	69,795	429,699	68,359	23,934	5,219	397,854	60,543	-	-
3634	Electric housewares and fans..	133,091	33,311	116,468	22,664	7,152	2,000	102,250	17,508	(D)	(D)
3635	Household vacuum cleaners....	23,232	4,942	22,504	4,544	1,123	248	16,734	3,156	-	-
3636	Sewing machines.....	10,170	3,150	9,986	3,000	5,770	1,623	(D)	(D)	(D)	(D)
3639	Household appliances, n.e.c....	299,422	47,420	297,334	45,110	497	111	276,279	38,881	4,360	662
364	Lighting and wiring devices....	(D)	(D)	(D)	(D)	86,835	14,108	(D)	(D)	32,212	3,699
3641	Electric lamps.....	(D)	(D)	(D)	(D)	(X)	(X)	(D)	(D)	(X)	(X)
3642	Lighting fixtures.....	321,745	55,895	313,626	50,360	4,118	876	247,732	39,515	32,212	3,699
3643	Current carrying devices.....	33,257	11,002	25,831	7,331	1,616	804	17,000	3,721	(X)	(X)
3644	Noncurrent carrying devices...	518,372	81,090	514,359	79,885	81,101	12,428	238,792	34,130	(X)	(X)
3651	Radio and TV receiving sets....	62,405	13,277	59,971	12,171	2,500	485	49,670	10,155	(X)	(X)
366	Communication equipment.....	178,575	44,437	162,603	31,094	(D)	(D)	101,570	15,293	(X)	(X)
3661	Telephone; telegraph apparatus	122,355	25,995	112,294	17,567	19,489	3,755	85,584	12,085	(X)	(X)
3662	Radio, TV communications equipment.....	56,220	18,442	50,309	13,527	(D)	(D)	15,986	3,208	(X)	(X)
367	Electronic components.....	(D)	(D)	(D)	(D)	4,197	1,325	42,161	11,493	(X)	(X)
3671	Electron tubes, receiving type	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)
3672	Cathode ray picture tubes....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)
3673	Electron tubes, transmitting..	431	773	263	105	(D)	(D)	(D)	(D)	(X)	(X)
3674	Semiconductors.....	2,638	4,033	1,529	723	(D)	(D)	(D)	(D)	(X)	(X)
3679	Electronic components, n.e.c..	84,889	32,139	60,437	17,823	3,927	1,182	40,553	9,797	(X)	(X)
369	Electrical products, n.e.c.....	270,030	55,647	266,573	53,696	118,289	24,671	116,554	17,599	(D)	(D)
3694	Engine electrical equipment...	265,813	53,683	263,775	52,752	118,289	24,671	116,554	17,599	(D)	(D)
3699	Electrical products, n.e.c....	4,217	1,964	2,798	944	(X)	(X)	(X)	(X)	(X)	(X)

See footnotes at end of table.

by Selected Industry Groups and Industries: 1963-Continued

Carbon steel-Continued						Alloy steel									Code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042) ²		Total		Bar and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)			
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)		
(D)	(D)	27,961	11,332	(D)	(D)	416,788	191,992	(D)	(D)	(D)	(D)	(D)	(D)	356	
12,095	2,066	(X)	(X)	26,850	7,420	22,000	12,938	12,854	4,014	3,372	1,618	5,774	7,306	3561	
(D)	(D)	22,307	8,610	(D)	(D)	319,704	138,001	138,307	52,274	180,190	83,958	1,207	1,769	3562	
4,530	728	794	359	6,541	1,813	4,471	2,412	297	174	3,251	894	923	1,344	3564	
(D)	(D)	(X)	(X)	(D)	(D)	377	247	(D)	(D)	(D)	(D)	(D)	(D)	3565	
3,694	818	3,319	1,593	7,782	2,295	54,137	20,069	35,615	9,906	16,938	8,193	1,584	1,970	3566	
9,121	1,547	(X)	(X)	6,425	1,624	4,883	8,289	(X)	(X)	1,101	933	3,782	7,356	3567	
13,285	2,504	1,541	770	14,167	3,296	11,216	10,036	3,376	1,405	3,313	1,605	4,527	7,026	3569	
6,771	1,545	7,759	3,168	8,226	2,539	5,554	5,443	(X)	(X)	3,827	2,978	1,727	2,465	357	
1,409	360	228	289	2,114	729	3,311	3,265	(X)	(X)	2,507	2,046	804	1,219	3571	
(D)	(D)	1,678	350	(D)	(D)	634	463	(X)	(X)	512	297	122	166	3572	
4,676	908	133	46	2,098	461	576	691	(X)	(X)	144	118	432	573	3576	
(D)	(D)	5,720	2,483	(D)	(D)	1,033	1,024	(X)	(X)	664	517	369	507	3579	
13,219	2,696	2,381	977	21,543	5,503	37,061	36,828	1,135	378	(D)	(D)	(D)	(D)	358	
241	60	(X)	(X)	582	169	2,986	3,359	-	-	295	238	2,691	3,121	3581	
1,695	538	(X)	(X)	2,243	711	2,406	2,792	-	-	(D)	(D)	(D)	(D)	3582	
8,362	1,617	2,381	977	14,112	3,532	20,156	18,218	1,065	353	5,079	1,752	14,012	16,113	3585	
1,430	180	(X)	(X)	1,609	485	823	1,175	70	25	33	32	720	1,118	3586	
1,491	301	(X)	(X)	2,997	606	10,690	11,284	-	-	1,931	1,360	8,759	9,924	3589	
23,395	4,186	5,206	2,723	30,958	7,190	45,958	30,224	23,795	6,363	10,124	6,079	12,039	17,782	3599	
48,560	12,972	308,293	61,117	351,058	76,598	247,882	148,603	3,496	2,981	206,597	97,466	37,789	48,156	36	
(D)	(D)	(D)	(D)	(D)	(D)	116,148	48,056	42	71	114,026	45,705	2,080	2,280	361	
(D)	(D)	(D)	(D)	(D)	(D)	4,350	2,485	42	71	3,745	1,651	563	763	3611	
11,593	1,735	(X)	(X)	9,907	4,078	108,495	43,512	(X)	(X)	107,615	42,690	880	822	3612	
10,406	2,222	(X)	(X)	6,365	1,843	3,303	2,059	(X)	(X)	2,666	1,364	637	695	3613	
4,746	1,250	250,074	39,660	39,291	8,983	35,078	30,868	(X)	(X)	20,691	11,789	14,387	19,079	362	
(X)	(X)	13,905	3,477	22,251	5,484	17,072	11,188	(X)	(X)	12,854	6,732	4,218	4,456	3621	
2,543	608	(X)	(X)	3,092	742	3,001	2,393	(X)	(X)	1,662	488	1,339	1,905	3622	
2,203	642	236,169	36,183	13,948	2,757	15,005	17,287	(X)	(X)	6,175	4,569	8,830	12,718	3623	
1,108	185	14,059	4,175	45,878	13,942	28,829	23,347	499	277	17,233	10,046	11,097	13,024	363	
(D)	(D)	3,448	785	(D)	(D)	3,692	4,799	(D)	(D)	(D)	(D)	(D)	(D)	3631	
(D)	(D)	5,691	1,036	(D)	(D)	4,271	3,607	(D)	(D)	(D)	(D)	(D)	(D)	3632	
-	-	1,437	725	6,474	1,872	1,243	1,436	-	-	-	-	1,243	1,436	3633	
-	-	1,745	550	(D)	(D)	16,623	10,647	(D)	(D)	(D)	(D)	2,017	2,469	3634	
(D)	(D)	(D)	(D)	(D)	(D)	728	398	(D)	(D)	(D)	(D)	(D)	(D)	3635	
-	-	(D)	(D)	(D)	(D)	184	150	(D)	(D)	(D)	(D)	-	-	3636	
(D)	(D)	(D)	(D)	(D)	(D)	2,088	2,310	(D)	(D)	(D)	(D)	1,738	1,980	3639	
4,327	899	16,507	5,205	210,411	36,299	19,558	10,411	154	216	(D)	(D)	(D)	(D)	364	
(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	3641	
4,327	899	3,609	1,059	21,628	4,312	8,119	5,535	154	216	5,746	3,091	2,219	2,228	3642	
(X)	(X)	5,681	2,398	1,534	408	7,426	3,671	(X)	(X)	6,645	2,699	781	972	3643	
(X)	(X)	7,217	1,748	187,249	31,579	4,013	1,205	(X)	(X)	(D)	(D)	(D)	(D)	3644	
(X)	(X)	(X)	(X)	7,801	1,531	2,434	1,106	(X)	(X)	2,202	703	232	403	3651	
(D)	(D)	(D)	(D)	(D)	(D)	15,972	13,343	(D)	(D)	(D)	(D)	(D)	(D)	366	
(X)	(X)	(X)	(X)	7,221	1,727	10,061	8,428	(D)	(D)	(D)	(D)	(D)	(D)	3661	
(D)	(D)	(D)	(D)	(D)	(D)	5,911	4,915	1,362	588	2,565	1,153	1,984	3,174	3662	
870	321	7,994	3,300	(D)	(D)	26,406	19,521	(D)	(D)	23,393	14,588	(D)	(D)	367	
-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3671	
(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)	(D)	(D)	(D)	(D)	146	146	3672	
(D)	(D)	-	-	(D)	(D)	168	668	(D)	(D)	(D)	(D)	(D)	(D)	3673	
(D)	(D)	(D)	(D)	(D)	(D)	1,109	3,310	(D)	(D)	(D)	(D)	(D)	(D)	3674	
825	272	7,860	2,979	7,272	3,593	24,452	14,316	700	464	22,200	11,488	1,552	2,364	3675	
(X)	(X)	11,614	6,905	(D)	(D)	3,457	1,951	(X)	(X)	2,632	1,075	825	876	3676	
(X)	(X)	11,614	6,905	(D)	(D)	2,038	931	(X)	(X)	1,701	509	337	455	3677	
(X)	(X)	(X)	(X)	2,798	944	1,419	1,020	(X)	(X)	931	566	422	456	3678	

TABLE 1. Consumption of Steel Mill Shapes and Forms,

Code	Industry group and industry ¹	Carbon steel									
		Total all grades		Total		Bars, and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plates (331013)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
37	Transportation equipment....	16,762,159	2,745,466	⁶ 15,940,746	⁶ 2,420,355	⁶ 1,315,444	⁶ 218,450	⁶ 11,981,452	⁶ 1,761,099	⁶ 1,537,226	⁶ 227,443
371	Motor vehicles and equipment....	14,181,764	2,220,962	13,499,622	2,029,507	1,047,359	171,995	11,498,502	1,681,762	413,892	59,761
3713	Truck and bus bodies.....	281,328	46,670	277,999	45,433	23,102	3,855	176,232	28,749	37,777	5,449
3715	Truck trailers.....	235,441	46,577	209,541	37,555	17,865	3,175	106,922	17,136	42,340	6,172
3717	Motor vehicles and parts.....	13,664,995	2,127,715	13,012,082	1,946,519	1,006,392	164,965	11,215,348	1,635,877	333,775	48,140
372	Aircraft and parts.....	185,484	133,798	⁶ 106,879	⁶ 30,482	⁶ 24,431	⁶ 7,696	⁶ 39,048	⁶ 10,606	⁶ 24,207	⁶ 4,706
3721	Aircraft.....	33,133	22,141	22,865	10,017	3,919	1,935	8,594	3,657	3,085	745
3722	Aircraft engines and parts....	70,103	69,745	29,706	7,866	10,033	2,313	9,579	2,959	6,704	1,362
3723	Aircraft propellers and parts.	4,837	4,534	(D)	(D)	(D)	(D)	(D)	(D)	-	-
3729	Aircraft equipment, n.e.c.....	77,411	37,378	54,308	12,599	10,479	3,448	20,875	3,990	14,418	2,599
373	Ship and boat building.....	714,855	122,743	692,317	105,846	48,179	8,095	29,762	5,612	480,582	69,814
3731	Ship building and repairing...	706,708	120,656	684,789	104,429	47,265	7,937	28,248	5,365	477,616	69,318
3732	Boat building and repairing...	8,147	2,087	7,528	1,417	914	158	1,514	247	2,966	496
374	Railroad equipment.....	1,380,200	212,678	1,357,226	205,925	170,956	25,607	254,712	37,253	612,684	92,183
3741	Locomotives and parts.....	118,242	18,575	116,454	17,622	11,054	1,860	28,785	4,818	58,653	8,485
3742	Railroad and street cars.....	1,261,958	194,103	1,240,772	188,303	159,902	23,747	225,927	32,435	554,031	83,698
3751	Motorcycles, bicycles, and parts	97,887	16,096	96,644	15,731	3,489	723	79,177	12,147	451	79
379	Transportation equipment, n.e.c.	201,969	39,189	188,058	32,864	21,030	4,334	80,251	13,719	5,410	900
3791	Trailer coaches.....	96,180	20,760	83,103	14,799	5,263	1,565	14,643	3,349	(X)	(X)
3799	Transportation equipment, n.e.c.....	105,789	18,429	104,955	18,065	15,767	2,769	65,608	10,370	5,410	900
38	Instruments and related products.....	127,626	50,026	113,880	31,226	(D)	(D)	53,805	12,039	7,827	1,446
3811	Scientific instruments.....	23,161	6,163	20,924	3,687	1,410	401	14,455	2,415	(D)	(D)
382	Mechanical measuring devices....	74,921	30,785	67,344	19,980	16,298	5,047	39,350	9,624	(D)	(D)
3821	Mechanical measuring devices..	45,831	18,293	40,979	11,817	12,670	3,490	19,297	4,620	3,470	769
3822	Automatic temperature controls	29,090	12,492	26,365	8,163	3,628	1,557	20,053	5,004	(D)	(D)
3831	Optical instruments and lenses..	1,310	1,640	345	173	(D)	(D)	(X)	(X)	(X)	(X)
3861	Photographic equipment.....	28,234	11,438	25,267	7,386	(X)	(X)	(X)	(X)	(X)	(X)
39	Miscellaneous manufacturing.	273,085	86,006	220,012	49,993	(X)	(X)	(X)	(X)	(X)	(X)
3914	Silverware and plated ware.....	21,942	17,770	1,361	286	(X)	(X)	(X)	(X)	(X)	(X)
394	Toys and sporting goods.....	188,140	45,994	169,741	35,997	(X)	(X)	(X)	(X)	(X)	(X)
3941	Games and toys.....	63,353	16,002	52,957	12,716	(X)	(X)	(X)	(X)	(X)	(X)
3942	Dolls.....	1,537	394	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)
3943	Children's vehicles.....	38,090	7,667	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)
3949	Sporting and athletic goods...	85,160	21,931	78,125	15,683	(X)	(X)	(X)	(X)	(X)	(X)
396	Costume jewelry and notions.....	34,714	11,624	29,425	9,005	(X)	(X)	(X)	(X)	(X)	(X)
3963	Buttons.....	1,621	667	1,451	429	(X)	(X)	(X)	(X)	(X)	(X)
3964	Needles, pins, and fasteners..	33,093	10,957	27,974	8,576	(X)	(X)	(X)	(X)	(X)	(X)
3999	Miscellaneous products, n.e.c.	28,289	10,618	19,485	4,705	(X)	(X)	(X)	(X)	(X)	(X)
19	Ordinance and accessories....	230,262	73,550	(D)	(D)	60,931	10,876	60,963	12,626	(D)	(D)
192	Missiles and ammunition, n.e.c..	139,109	34,575	123,993	20,518	46,668	7,175	(D)	(D)	(D)	(D)
1925	Complete guided missiles.....	9,110	3,940	8,293	2,296	2,215	708	(D)	(D)	2,117	501
1929	Ammunition, n.e.c.....	129,999	30,635	115,700	18,222	44,453	6,467	33,053	5,496	(D)	(D)
1931	Tanks and tank components.....	41,397	25,113	7,690	3,796	(D)	(D)	(D)	(D)	(D)	(D)
1951	Small arms, 30 mm. and under....	19,201	6,094	13,666	4,090	8,406	1,885	4,906	1,781	(D)	(D)
1961	Small arms ammunition.....	4,083	2,415	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1911 and 1999	Guns, howitzers, mortars, and ordinance and accessories, n.e.c.	26,472	5,353	25,497	4,064	2,643	489	16,302	2,200	(D)	(D)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹Major Group (2-digit) and industry group (3-digit) totals include (a) data for individual industries for which data are published as well as for those industries which could not be published without disclosing the operations of individual companies, and (b) an estimate of quantities for industries for which cost data were publishable but for which quantity data were suppressed because of significant nonreporting of quantity figures. The estimates for quantities are based on an average for a 2-digit industry group derived from those industry totals within the group for which valid totals of quantity and associated cost were reported.

²Includes data on the consumption of tin plate, black plate, and terne plate which amounted to 5,106,745 short tons at a cost of \$1,033,624 thousand. Also includes concrete reinforcing bars which totaled 1,371,770 short tons at a cost of \$151,247 thousand. Separate consumption statistics for these materials for selected industries are available in Volume II, Industry Statistics.

by Selected Industry Groups and Industries: 1963-Continued

Carbon steel—Continued						Alloy steel									Code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042) ²		Total		Bar and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)			
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)		
⁶ 491,959	⁶ 75,218	⁶ 167,676	⁶ 40,749	⁶ 446,989	⁶ 97,396	⁶ 816,576	⁶ 320,577	⁶ 572,473	⁶ 135,842	⁶ 165,213	⁶ 75,936	⁶ 78,890	⁶ 108,799	37	
(D)	(D)	(D)	(D)	(D)	(D)	682,142	191,455	(D)	(D)	(D)	(D)	(D)	(D)	371	
21,437	3,335	529	232	18,922	3,813	3,329	1,237	338	82	2,411	505	580	650	3713	
(D)	(D)	(D)	(D)	(D)	(D)	25,900	9,022	(D)	(D)	(D)	(D)	(D)	(D)	3715	
26,782	4,189	149,399	35,017	280,386	58,331	652,913	181,196	534,059	111,701	81,156	37,838	37,698	31,657	3717	
⁶ 7,175	⁶ 2,060	⁶ 3,652	⁶ 1,368	⁶ 8,366	⁶ 4,046	⁶ 73,768	⁶ 98,782	⁶ 33,710	⁶ 23,217	⁶ 11,404	⁶ 13,374	⁶ 28,654	⁶ 62,191	372	
3,436	1,059	1,648	817	2,183	1,804	10,268	12,124	5,144	4,189	2,887	2,686	2,237	5,249	3721	
302	84	205	141	2,883	1,007	40,397	61,879	18,693	13,434	4,573	7,451	17,131	40,994	3722	
-	-	-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3723	
3,437	917	1,799	410	3,300	1,235	23,103	24,779	9,873	5,594	3,944	3,237	9,286	15,948	3729	
105,109	15,335	3,625	1,598	25,060	5,392	22,538	16,897	(X)	(X)	17,689	9,492	4,849	7,405	373	
104,334	15,196	3,411	1,465	23,915	5,148	21,919	16,227	(X)	(X)	17,606	9,449	4,313	6,778	3731	
775	139	214	133	1,145	244	619	670	(X)	(X)	83	43	536	627	3732	
(D)	(D)	(D)	(D)	(D)	(D)	22,974	6,753	(X)	(X)	(D)	(D)	(D)	(D)	374	
(D)	(D)	(D)	(D)	(D)	(D)	1,788	953	(X)	(X)	(D)	(D)	(D)	(D)	3741	
236,559	34,469	1,495	489	62,858	13,465	21,186	5,800	(X)	(X)	19,545	3,955	1,641	1,845	3742	
(D)	(D)	6,257	1,094	(D)	(D)	1,243	365	(X)	(X)	1,199	319	44	46	3751	
62,569	9,907	2,404	844	16,394	3,160	13,911	6,325	(D)	(D)	(D)	(D)	54	57	379	
54,888	8,612	(X)	(X)	8,309	1,273	13,077	5,961	(D)	(D)	(D)	(D)	-	-	3791	
7,681	1,295	2,404	844	8,085	1,887	834	364	(X)	(X)	780	307	54	57	3799	
2,189	550	(D)	(D)	(D)	(D)	13,746	18,800	(D)	(D)	(D)	(D)	9,837	15,606	38	
417	97	(D)	(D)	(D)	(D)	2,237	2,476	352	176	540	354	1,345	1,946	3811	
1,772	453	2,689	1,482	(D)	(D)	7,577	10,805	632	694	1,705	1,550	5,240	8,561	382	
1,417	371	1,817	1,005	2,308	1,562	4,852	6,476	438	397	1,411	1,193	3,003	4,886	3821	
355	82	872	477	(D)	(D)	2,725	4,329	194	297	294	357	2,237	3,675	3822	
(X)	(X)	-	-	(D)	(D)	965	1,467	(D)	(D)	(D)	(D)	(D)	(D)	3831	
(X)	(X)	(X)	(X)	25,267	7,386	2,967	4,052	(X)	(X)	(D)	(D)	(D)	(D)	3861	
(X)	(X)	(X)	(X)	220,012	49,993	53,073	36,013	(X)	(X)	25,800	11,099	27,273	24,914	39	
(X)	(X)	(X)	(X)	1,361	286	20,581	17,484	(X)	(X)	(D)	(D)	(D)	(D)	3914	
(X)	(X)	(X)	(X)	169,741	35,997	18,399	9,997	(X)	(X)	16,676	7,783	1,723	2,214	394	
(X)	(X)	(X)	(X)	52,957	12,716	10,396	3,286	(X)	(X)	(D)	(D)	(D)	(D)	3941	
(X)	(X)	(X)	(X)	(D)	(D)	(D)	(D)	(X)	(X)	(D)	(D)	-	-	3942	
(X)	(X)	(X)	(X)	(D)	(D)	(D)	(D)	(X)	(X)	(D)	(D)	(D)	(D)	3943	
(X)	(X)	(X)	(X)	78,125	15,683	7,035	6,248	(X)	(X)	5,507	4,347	1,528	1,901	3949	
(X)	(X)	(X)	(X)	29,425	9,005	5,289	2,619	(X)	(X)	(D)	(D)	(D)	(D)	396	
(X)	(X)	(X)	(X)	1,451	429	170	238	(X)	(X)	(D)	(D)	(D)	(D)	3963	
(X)	(X)	(X)	(X)	27,974	8,576	5,119	2,381	(X)	(X)	4,399	1,178	720	1,203	3964	
(X)	(X)	(X)	(X)	19,485	4,705	8,804	5,913	(X)	(X)	4,708	1,970	4,096	3,943	3999	
(D)	(D)	2,106	792	38,069	6,953	(D)	(D)	24,584	14,288	(D)	(D)	8,924	13,198	19	
(D)	(D)	428	126	35,833	5,757	15,116	14,057	(D)	(D)	(D)	(D)	(D)	(D)	192	
1,168	323	(D)	(D)	(D)	(D)	817	1,644	166	126	125	246	526	1,272	1925	
(D)	(D)	(D)	(D)	(D)	(D)	14,299	12,413	(D)	(D)	(D)	(D)	(D)	(D)	1929	
-	-	(D)	(D)	(D)	(D)	33,707	21,317	(D)	(D)	(D)	(D)	240	392	1931	
-	-	(D)	(D)	(D)	(D)	5,535	2,004	(D)	(D)	(D)	(D)	(D)	(D)	1951	
-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1961	
(D)	(D)	(D)	(D)	(D)	(D)	975	1,289	(D)	(D)	(D)	(D)	(D)	(D)	1911 and 1999	

³The "Steel producing industries" include steel works and rolling mills, wire drawing establishments, independent pipe mills and cold rolling, drawing, and finishing establishments, but excludes forging plants (industry 3391, Iron and Steel Forgings) which are classified in this table as metal fabricators. To avoid duplication by counting both the forgings and bars and billets from which forgings are made, information for forgings is excluded. Also to eliminate duplication, the data shown for the "Steel producing industries" are limited to the consumption of mill shapes and forms in the production of fabricated products or in maintenance and repair work and exclude the consumption of these products in the manufacture of other basic shapes and forms. The source of these data is Current Industrial Reports Series M33B, "Steel Mill Products."

⁴The "Metal fabricating industries" include establishments whose primary activity is the manufacture of products fabricated beyond the metal mill level.

⁵Excludes figures for industry 3392, Nonferrous Forgings.

⁶Excludes figures for industry 3723, Aircraft Propellers and Parts.

TABLE 2. Consumption of Steel Mill Shapes and Forms, by Divisions and States: 1963

Divisions and States	All establishments, total (short tons)	Steel fabricating establishments ¹									
		All grades, total		Carbon steel							
				Bars and bar shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plates (331013)		Structural shapes (331015)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
United States, total..	61,477,329	58,113,068	10,855,519	6,001,393	1,086,465	26,088,568	4,074,695	6,137,624	912,149	3,923,674	598,430
New England.....	1,655,502	1,616,346	445,987	213,043	48,458	473,020	96,295	174,927	26,131	137,196	25,260
Maine.....	71,740	71,740	15,967	2,906	585	8,119	2,007	7,291	1,426	(D)	(D)
New Hampshire.....	27,855	27,855	9,324	4,383	1,500	8,168	1,765	1,600	270	(D)	(D)
Vermont.....	19,629	19,629	7,700	2,113	615	4,030	789	850	141	(D)	(D)
Massachusetts.....	833,240	809,704	217,356	130,699	27,777	188,666	40,954	100,521	14,621	83,299	16,738
Rhode Island.....	63,037	63,037	17,040	7,636	1,932	17,278	3,280	1,851	285	3,296	488
Connecticut.....	640,001	624,381	178,600	65,306	16,049	246,759	47,500	62,814	9,388	28,617	4,720
Middle Atlantic.....	10,935,170	9,825,135	1,915,505	978,623	174,093	3,611,396	587,396	1,326,466	195,679	1,027,928	147,872
New York.....	(D)	2,821,275	580,607	377,176	69,090	1,207,661	209,668	233,707	36,380	268,466	38,467
New Jersey.....	(D)	1,675,922	348,561	106,525	20,163	501,640	83,684	113,279	16,406	130,337	19,429
Pennsylvania.....	6,283,647	5,327,938	986,337	494,922	84,840	1,902,095	294,044	979,480	142,893	629,125	89,976
East North Central.....	32,147,619	30,945,948	5,534,360	3,326,133	607,395	17,744,004	2,669,433	2,151,450	315,174	975,541	148,876
Ohio.....	8,664,194	8,297,374	1,512,231	733,162	136,170	4,843,728	737,654	670,843	96,726	244,708	36,650
Indiana.....	3,853,847	3,659,191	664,298	426,166	78,336	2,017,021	320,089	276,300	40,378	175,588	25,045
Illinois.....	7,274,725	6,733,554	1,232,753	833,709	148,418	2,996,222	460,766	559,358	81,117	270,944	40,515
Michigan.....	(D)	9,860,190	1,671,600	1,099,433	202,473	6,808,801	983,868	331,374	50,699	185,055	28,773
Wisconsin.....	(D)	2,395,639	453,478	233,663	41,998	1,078,232	167,056	313,575	46,254	99,246	17,893
West North Central.....	(D)	3,047,335	571,507	388,265	67,909	1,041,782	177,850	405,369	59,580	313,489	48,566
Minnesota.....	(D)	616,543	122,215	84,841	14,374	185,477	32,849	54,793	8,764	54,182	7,921
Iowa.....	(D)	724,423	123,069	164,095	27,293	280,768	45,220	97,166	14,114	55,885	9,169
Missouri.....	(D)	1,117,848	218,605	86,185	16,757	380,013	65,616	173,362	24,689	128,993	19,561
North Dakota.....	20,311	20,311	3,483	1,779	297	4,751	747	2,657	390	(D)	(D)
South Dakota.....	34,063	34,063	5,559	3,560	582	9,850	1,816	4,887	742	(D)	(D)
Nebraska.....	274,254	274,254	50,517	21,275	3,752	101,618	17,185	23,268	3,470	23,973	3,968
Kansas.....	259,893	259,893	48,059	26,530	4,854	79,305	14,417	49,236	7,411	42,558	6,739
South Atlantic.....	3,362,565	3,151,508	576,006	257,533	41,759	809,541	136,627	380,050	56,353	425,405	62,232
Delaware.....	(D)	98,971	16,298	4,146	1,150	26,870	3,600	44,083	5,357	1,730	274
Maryland.....	(D)	722,443	134,280	32,743	5,830	130,368	22,596	50,361	7,533	46,476	6,573
District of Columbia....	6,335	6,335	1,043	856	178	549	88	2,993	502	763	139
Virginia.....	(D)	445,691	79,175	53,059	7,128	78,266	15,324	98,081	15,650	130,930	18,052
West Virginia.....	(D)	467,556	74,893	18,190	2,903	279,821	42,679	57,891	8,549	19,410	3,085
North Carolina.....	384,873	384,873	76,705	39,083	7,396	74,152	14,323	36,791	5,628	65,920	10,079
South Carolina.....	179,766	179,766	33,488	50,880	7,507	31,424	5,428	8,747	1,282	48,756	7,982
Georgia.....	405,399	405,399	80,121	35,365	6,046	139,286	24,443	51,013	7,685	50,413	7,307
Florida.....	(D)	440,474	80,003	23,211	3,621	48,805	8,146	30,090	4,167	61,007	8,741
East South Central.....	2,445,272	2,285,038	404,949	247,696	40,116	882,480	142,517	406,242	57,003	264,734	39,906
Kentucky.....	588,926	569,863	110,738	56,026	9,783	355,841	57,649	24,382	3,484	10,983	1,781
Tennessee.....	684,275	684,275	121,227	47,926	8,099	320,384	51,584	60,292	8,672	77,928	12,592
Alabama.....	893,642	752,471	116,469	123,896	18,776	105,472	17,221	250,358	34,240	131,372	19,357
Mississippi.....	278,429	278,429	56,515	19,848	3,458	100,783	16,063	71,210	10,607	44,451	6,176
West South Central.....	(D)	2,738,274	497,008	234,641	40,736	531,956	85,373	576,019	89,317	429,455	68,113
Arkansas.....	(D)	181,805	34,472	12,720	2,285	93,883	15,622	10,769	1,628	20,286	2,825
Louisiana.....	(D)	353,261	60,003	10,545	1,560	92,524	14,058	75,265	11,272	34,099	5,266
Oklahoma.....	(D)	385,840	67,409	39,090	6,748	43,421	7,638	90,446	13,714	116,342	16,885
Texas.....	(D)	1,817,368	335,124	172,286	30,143	302,128	48,055	399,539	62,703	258,728	43,137
Mountain.....	(D)	477,724	87,904	44,904	8,248	80,071	14,769	99,075	14,150	75,432	12,630
Montana.....	13,494	13,494	2,230	845	147	6,226	1,026	3,434	525	1,506	262
Idaho.....	40,757	40,757	7,420	6,372	1,104	7,957	1,368	6,491	1,015	7,267	1,141
Wyoming.....	1,766	1,766	371	311	57	339	48	(D)	(D)	(D)	(D)
Colorado.....	(D)	184,628	38,277	20,713	4,039	23,339	4,272	18,813	3,148	24,560	4,753
New Mexico.....	17,243	17,243	2,589	990	179	1,021	164	5,281	812	2,426	361
Arizona.....	74,445	74,445	13,303	4,708	874	26,619	5,209	9,676	1,396	16,148	2,595
Utah.....	(D)	141,544	23,045	10,292	1,718	14,228	2,621	53,985	7,032	21,529	3,183
Nevada.....	3,847	3,847	669	673	130	342	61	(D)	(D)	(D)	(D)
Pacific.....	4,343,099	4,025,760	822,293	310,555	57,751	914,318	164,435	618,026	98,762	274,494	44,975
Washington.....	(D)	492,652	96,047	76,307	12,441	113,394	16,388	93,804	20,171	34,625	5,606
Oregon.....	(D)	316,422	56,461	30,387	4,385	57,802	8,945	75,198	11,363	17,807	2,659
California.....	(D)	3,121,629	649,713	202,405	40,648	741,032	138,729	447,708	67,012	217,358	35,979
Alaska.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)
Hawaii.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,316	216	(D)	(D)

See footnotes at end of table.

TABLE 2. Consumption of Steel Mill Shapes and Forms, by Divisions and States: 1963-Continued

Divisions and States	Steel fabricating establishments ¹ --Continued										Steel producing establishments carbon, alloy, stainless, all mill shapes and forms ²
	Carbon steel--Continued				Alloy steel (except stainless)				Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
	Wire and wire products (331017)		All other mill shapes and forms (331001, 331018, 331041, 331009, 331019, and 331042)		Bars and bar shapes (331021 and 331046)		All other mill shapes and forms (331020, 331044, 331029, and 331045)				
	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
United States, total....	2,530,166	572,592	9,618,061	1,858,092	1,785,933	515,947	1,514,854	586,576	512,795	650,573	3,364,261
New England.....	136,211	32,416	249,824	50,726	87,821	43,979	91,805	47,889	52,499	74,833	39,156
Maine.....	(D)	(D)	(D)	(D)	79	76	(D)	(D)	(D)	(D)	-
New Hampshire.....	(D)	(D)	2,467	640	1,614	759	2,324	1,211	1,302	1,887	-
Vermont.....	(D)	(D)	(D)	(D)	1,261	1,071	203	730	(D)	(D)	-
Massachusetts.....	57,908	12,517	141,073	27,603	36,477	18,433	51,354	28,253	19,707	30,460	23,536
Rhode Island.....	8,267	1,842	17,342	3,177	1,422	779	(D)	(D)	4,057	4,643	-
Connecticut.....	63,325	15,695	48,528	11,466	46,968	22,861	35,546	16,538	26,518	34,383	15,620
Middle Atlantic.....	366,811	89,532	1,853,119	373,406	264,585	85,957	280,738	115,423	115,469	146,147	1,110,035
New York.....	114,517	25,727	412,313	88,756	89,848	25,255	63,154	25,699	54,433	61,565	366,820
New Jersey.....	61,340	17,932	650,558	125,031	36,735	11,331	56,049	29,986	19,459	24,599	(D)
Pennsylvania.....	190,954	45,873	790,248	159,619	138,002	49,371	161,535	59,738	41,577	59,983	955,709
East North Central.....	1,398,534	312,310	3,092,215	606,547	1,216,156	321,455	822,162	292,428	219,753	260,742	1,201,671
Ohio.....	488,439	96,589	721,377	140,582	248,362	77,195	278,891	105,283	67,864	85,382	366,820
Indiana.....	114,765	25,451	347,506	68,944	171,524	40,662	105,915	39,995	24,406	25,398	194,656
Illinois.....	378,735	90,557	1,262,119	248,665	155,154	44,874	234,810	63,427	42,503	54,414	41,111
Michigan.....	349,633	86,804	354,385	74,985	559,452	137,892	122,521	56,142	49,536	49,964	(D)
Wisconsin.....	66,962	12,909	406,828	73,371	81,664	20,832	80,025	27,581	35,444	45,584	(D)
West North Central.....	129,143	31,604	657,922	125,659	31,611	9,472	54,977	20,129	24,777	30,738	(D)
Minnesota.....	18,988	4,453	199,711	39,117	6,792	3,102	3,709	1,345	8,050	10,290	(D)
Iowa.....	30,432	7,436	67,103	12,048	11,089	2,333	15,778	2,984	2,107	2,472	(D)
Missouri.....	54,223	14,236	256,823	50,874	9,552	2,440	16,396	9,296	12,301	15,136	(D)
North Dakota.....	(D)	(D)	7,116	1,249	(D)	(D)	(D)	(D)	(D)	(D)	-
South Dakota.....	(D)	(D)	9,622	1,373	(D)	(D)	(D)	(D)	(D)	(D)	-
Nebraska.....	12,725	2,020	76,386	14,289	1,791	480	12,651	4,577	(D)	(D)	-
Kansas.....	11,514	3,217	41,161	6,709	2,212	1,058	5,718	1,664	1,659	1,990	-
South Atlantic.....	145,776	32,317	1,017,964	178,213	9,792	3,611	80,043	32,181	25,404	32,713	211,057
Delaware.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	351	669	(D)
Maryland.....	49,889	9,642	399,585	70,351	2,619	986	4,466	1,827	5,936	8,942	(D)
District of Columbia.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-
Virginia.....	11,454	2,674	53,671	8,239	745	249	16,907	8,728	2,578	3,131	(D)
West Virginia.....	(D)	(D)	88,101	16,266	811	218	775	173	(D)	(D)	(D)
North Carolina.....	60,033	12,768	81,880	13,868	977	594	23,647	7,849	2,390	4,200	-
South Carolina.....	3,714	2,085	31,806	4,773	174	60	1,331	1,018	2,934	3,443	-
Georgia.....	3,655	955	93,186	16,823	2,568	677	23,875	9,520	6,038	6,665	-
Florida.....	7,102	951	255,035	45,592	1,661	685	8,928	2,981	4,635	5,119	(D)
East South Central.....	131,237	25,107	268,379	53,652	29,966	6,600	35,912	17,607	18,392	22,441	160,234
Kentucky.....	31,658	6,834	54,361	14,572	19,841	3,767	9,923	4,843	6,848	8,025	19,063
Tennessee.....	33,746	6,782	126,744	22,827	3,869	1,408	11,100	6,164	(D)	(D)	-
Alabama.....	60,830	9,657	69,080	11,447	1,968	432	7,101	1,888	2,394	3,451	141,111
Mississippi.....	5,003	1,834	18,194	4,806	4,288	993	7,788	4,712	(D)	(D)	-
West South Central.....	60,709	13,480	738,684	137,767	88,669	23,814	66,838	23,052	11,303	15,356	(D)
Arkansas.....	2,432	546	40,249	10,886	447	127	729	230	290	323	(D)
Louisiana.....	1,680	309	127,340	22,686	1,166	593	9,666	2,748	976	1,511	(D)
Oklahoma.....	12,284	2,435	62,958	12,383	14,435	4,071	5,957	2,230	907	1,305	(D)
Texas.....	44,313	10,190	508,137	91,812	72,621	19,023	50,486	17,844	9,130	12,217	(D)
Mountain.....	12,900	3,330	158,541	29,735	2,463	712	1,859	803	2,479	3,527	(D)
Montana.....	(D)	(D)	1,293	210	-	-	(D)	(D)	-	-	-
Idaho.....	(D)	(D)	12,308	2,628	179	62	(D)	(D)	56	87	-
Wyoming.....	-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)
Colorado.....	7,802	1,915	85,101	17,356	1,862	416	1,016	500	1,422	1,878	(D)
New Mexico.....	119	24	7,250	875	(D)	(D)	(D)	(D)	75	136	-
Arizona.....	2,707	615	13,983	1,604	167	117	136	106	301	379	-
Utah.....	2,047	735	38,134	6,983	181	84	(D)	(D)	(D)	(D)	(D)
Nevada.....	-	-	(D)	(D)	-	-	-	-	(D)	(D)	-
Pacific.....	148,845	32,496	1,581,413	302,387	54,870	20,347	80,520	37,064	42,719	64,076	317,339
Washington.....	10,922	2,985	147,399	29,097	(D)	(D)	(D)	(D)	3,749	5,770	(D)
Oregon.....	(D)	(D)	(D)	(D)	3,605	1,055	5,687	2,946	940	1,461	(D)
California.....	131,415	28,017	1,230,078	232,689	48,307	18,402	65,308	31,411	38,018	56,826	(D)
Alaska.....	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-
Hawaii.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-

Standard Notes: - Represents zero.

(D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Steel fabricating establishments include plants whose primary activity is the manufacture of products fabricated beyond the metal mill or foundry level. In this table, establishments classified in Industry 3391, "Iron and Steel Forgings" are considered as metal fabricators rather than producers of primary metals. To avoid duplication by counting both the forgings and the bars and billets from which the forgings are produced information for forgings is excluded.

²The term "Steel producing establishments" includes steel works and rolling mills, independent pipe mills, steel wire drawing establishments, and cold rolling, drawing, and finishing establishments. The data shown for steel producing establishments include only mill shapes and forms used in the production of fabricated products or in maintenance and repair work and were obtained from information collected on Bureau of the Census Annual Form MA33B, "Steel Mill Products."

TABLE 3. Consumption of Steel Mill Shapes and Forms by Groups and Industries Within

Code	Division, State, industry group and industry ¹	Total		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
	UNITED STATES, TOTAL.....	58,113,068	10,855,519	6,001,393	1,086,465	26,088,568	4,074,695	6,137,624	912,149
	NEW ENGLAND.....	1,616,346	445,987	213,043	48,458	473,020	96,295	174,927	26,131
	Maine.....	71,740	15,967	2,906	585	8,119	2,007	7,291	1,426
34	Fabricated metal products.....	56,399	10,100	(D)	(D)	4,636	833	2,300	340
35	Machinery, except electrical.....	2,877	608	1,277	282	(D)	(D)	(D)	(D)
	New Hampshire.....	27,855	9,324	4,383	1,500	8,168	1,765	1,600	270
34	Fabricated metal products.....	7,885	2,244	(D)	(D)	3,412	774	(D)	(D)
35	Machinery, except electrical.....	13,707	4,980	3,623	1,297	(D)	(D)	(D)	(D)
36	Electrical machinery.....	4,665	1,728	(D)	(D)	1,967	497	-	-
	Vermont ⁵	19,629	7,700	2,113	615	4,030	789	850	141
34	Fabricated metal products.....	10,702	1,721	(D)	(D)	1,985	371	(D)	(D)
35	Machinery, except electrical.....	5,697	2,992	1,634	537	1,681	298	(D)	(D)
3541	Metal-cutting machine tools.....	2,771	1,282	1,299	392	(D)	(D)	(D)	(D)
	Massachusetts ⁵	809,704	217,356	130,699	27,777	188,666	40,954	100,521	14,621
19	Ordnance and accessories.....	25,187	4,224	(D)	(D)	1,932	657	(D)	(D)
25	Furniture and fixtures.....	26,966	5,059	(D)	(D)	17,307	2,770	-	-
2514	Metal household furniture.....	12,562	2,371	(D)	(D)	7,353	1,166	-	-
33	Primary metal industries.....	47,316	15,363	11,780	1,847	-	-	-	-
34	Fabricated metal products.....	385,446	86,318	32,098	7,479	90,677	21,194	35,456	5,337
3411	Metal cans.....	58,989	12,279	-	-	-	-	-	-
3423	Hand and edge tools.....	7,348	2,228	2,883	602	1,579	356	(D)	(D)
3429	Hardware, n.e.c.....	15,206	4,712	1,152	561	7,137	2,434	(D)	(D)
3433	Heating equipment, except electric.....	5,588	1,064	(D)	(D)	4,043	655	(D)	(D)
3441	Fabricated structural steel.....	71,432	11,391	5,988	880	(D)	(D)	8,680	1,509
3442	Metal doors, sash, and trim.....	4,749	771	(D)	(D)	4,548	712	(D)	(D)
3443	Boiler shop products.....	33,755	6,155	1,209	207	10,723	1,556	18,919	2,826
3444	Sheet metalwork.....	27,123	5,131	1,537	192	18,304	3,460	4,522	494
3451	Screw machine products.....	8,260	2,867	7,085	1,974	(D)	(D)	-	-
3452	Bolts, nuts, rivets, and washers.....	27,492	7,392	(D)	(D)	(D)	(D)	-	-
3461	Metal stampings.....	40,163	8,043	3,768	809	25,455	4,596	741	113
3481	Fabricated wire products, n.e.c.....	26,046	5,373	(D)	(D)	(D)	(D)	-	-
3494	Valves and pipe fittings.....	4,676	1,663	2,837	840	(D)	(D)	977	173
3499	Fabricated metal products, n.e.c.....	4,637	958	973	192	763	132	(D)	(D)
35	Machinery, except electrical.....	175,421	53,575	53,700	12,850	39,500	7,850	36,132	6,116
3531	Construction machinery.....	3,281	613	2,239	432	(D)	(D)	(D)	(D)
3535	Conveyors.....	1,944	415	(D)	(D)	356	57	(D)	(D)
3541	Metal-cutting machine tools.....	3,804	1,153	2,383	794	737	130	(D)	(D)
3544	Special dies and tools.....	4,312	1,888	1,516	541	547	94	995	351
3545	Machine tool accessories.....	17,741	9,756	9,775	2,251	158	101	(D)	(D)
3551	Food products machinery.....	1,880	646	980	277	276	60	(D)	(D)
3552	Farm machinery and equipment.....	27,235	7,657	16,541	4,126	3,112	928	(D)	(D)
3554	Paper industries machinery.....	4,704	3,287	929	251	-	-	(D)	(D)
3559	Special industry machines, n.e.c.....	11,592	4,215	2,630	720	1,380	358	3,479	589
3561	Pumps and compressors.....	7,084	1,622	1,271	355	(D)	(D)	(D)	(D)
3566	Power transmission equipment.....	16,474	5,213	3,996	969	(D)	(D)	1,091	241
3569	General industry machines, n.e.c.....	1,290	605	334	68	(D)	(D)	(D)	(D)
3585	Refrigeration machinery.....	593	197	-	-	(D)	(D)	-	-
3599	Miscellaneous machinery.....	5,919	1,804	2,200	312	(D)	(D)	833	117
36	Electrical machinery.....	100,460	28,338	5,690	1,276	25,350	5,471	(D)	(D)
3642	Lighting fixtures.....	9,382	1,933	280	62	8,803	1,730	-	-
3679	Electronic components, n.e.c.....	2,606	1,516	(*)	(D)	1,035	203	-	-
37	Transportation equipment.....	31,404	17,535	3,042	719	12,480	2,594	7,533	1,104
3713	Truck and bus bodies.....	1,428	231	(*)	(*)	769	129	(D)	(D)
38	Instruments and related products.....	4,368	3,273	(D)	(D)	(D)	(D)	516	235
3811	Scientific instruments.....	266	135	(D)	(D)	(D)	(D)	-	-
3821	Mechanical measuring devices.....	2,589	1,612	(D)	(D)	(D)	(D)	516	235
39	Miscellaneous manufacturing.....	10,473	2,878	(D)	(D)	(D)	(D)	-	-

See footnotes at end of table.

Metal Fabricating Establishments, by Selected Industry

State: 1963

Carbon steel--Continued						Alloy steel						Code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
3,923,674	598,430	2,530,166	572,592	29,618,061	21,858,092	1,785,933	515,947	1,514,854	586,576	512,795	650,573	
137,196	25,260	136,211	32,416	249,824	50,726	87,821	43,979	91,805	47,889	52,499	74,833	
(D)	(D)	(D)	(D)	(D)	(D)	79	76	490	543	(D)	(D)	
(D)	(D)	-	-	(D)	(D)	(3)	(3)	-	-	(D)	(D)	34
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	35
(D)	(D)	(D)	(D)	2,467	640	1,614	759	2,324	1,211	1,302	1,887	
(D)	(D)	(D)	(D)	(D)	(D)	(4)	(4)	(D)	(D)	415	545	34
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	701	1,102	35
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	36
(D)	(D)	(D)	(D)	(D)	(D)	1,261	1,071	203	730	(D)	(D)	
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	34
(D)	(D)	(D)	(D)	(D)	(D)	1,231	1,055	(D)	(D)	(3)	(3)	35
-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-	3541
83,299	16,738	57,908	12,517	141,073	27,603	36,477	18,433	51,354	28,253	19,707	30,460	
-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-	19
-	-	-	-	9,112	2,018	-	-	(D)	(D)	(D)	(D)	25
-	-	-	-	(D)	(D)	-	-	-	-	-	-	2514
-	-	-	-	(D)	(D)	11,983	3,351	(D)	(D)	2,329	2,727	33
54,808	7,998	48,165	9,449	107,453	19,713	8,196	4,275	2,893	3,290	5,700	7,583	34
-	-	-	-	58,989	12,279	-	-	-	-	-	-	3411
-	-	-	-	(D)	(D)	2,578	902	(D)	(D)	(4)	(4)	3423
-	-	4,215	896	2,329	567	-	-	(D)	(D)	(D)	(D)	3429
-	-	-	-	1,310	342	-	-	(D)	(D)	(D)	(D)	3433
49,049	7,167	(D)	(D)	4,717	861	(D)	(D)	-	-	(D)	(D)	3441
836	144	(4)	739	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3442
1,879	203	-	-	134	(D)	(D)	(4)	(D)	(D)	559	884	3443
-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	649	736	3444
-	-	-	-	(D)	(D)	355	162	(D)	(D)	519	640	3451
-	-	16,926	3,065	(D)	(D)	(D)	(D)	(D)	(D)	715	1,293	3452
-	-	1,824	343	7,467	1,331	(4)	(4)	(D)	(D)	625	737	3461
-	-	24,565	4,991	(D)	(D)	-	-	-	-	36	112	3481
-	-	-	-	(D)	(D)	(D)	(D)	-	-	383	526	3494
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	81	135	3499
9,406	1,911	3,458	1,031	7,576	2,800	12,386	8,225	7,736	4,979	5,527	7,813	35
(D)	(D)	-	-	-	(D)	(D)	(D)	-	-	-	-	3531
(D)	(D)	-	-	(D)	(D)	-	-	-	-	49	88	3535
(D)	(D)	(D)	(D)	(D)	(D)	282	120	(D)	(D)	-	-	3541
(D)	(D)	(D)	(D)	(D)	(D)	420	376	342	320	143	173	3544
(D)	(D)	(D)	(D)	275	98	4,955	4,924	(D)	(D)	(D)	(D)	3545
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	118	172	3551
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	228	392	3552
2,973	714	2,945	847	680	355	(D)	(D)	541	322	1,086	2,084	3554
-	-	-	-	1,540	512	(D)	(D)	(D)	(D)	901	1,579	3559
(D)	(D)	-	-	982	241	1,400	564	(D)	(D)	193	237	3561
(D)	(D)	-	-	-	-	(D)	(D)	(D)	(D)	171	263	3566
(D)	(D)	(D)	(D)	(4)	(4)	2,786	1,059	(D)	(D)	76	164	3569
(D)	(D)	-	-	(D)	(D)	-	-	-	-	103	112	3585
(D)	(D)	-	-	-	-	-	-	-	-	562	794	3599
325	51	(D)	(D)	907	221	301	89	400	160	-	-	
(D)	(D)	4,035	1,322	4,890	1,177	726	368	20,481	9,011	962	1,341	36
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3644
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	170	330	3674
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	37
(D)	(D)	(D)	(D)	554	159	(D)	(D)	-	-	(D)	(D)	3713
-	-	(D)	(D)	(D)	(D)	106	102	210	109	1,044	2,065	38
-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	348	64	3811
-	-	-	-	-	(D)	66	93	(D)	(D)	307	582	3821
-	-	(D)	(D)	7,278	1,012	-	-	1,175	311	1,114	1,352	39

TABLE 3. Consumption of Steel Mill Shapes and Forms by Groups and Industries Within

Code	Division, State, industry group and industry ¹	Total		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
	NEW ENGLAND--Continued								
	Rhode Island ⁵	63,037	17,040	7,636	1,932	17,278	3,280	1,851	285
34	Fabricated metal products.....	38,650	9,409	2,807	589	9,249	1,610	(D)	(D)
3444	Sheet metalwork.....	1,238	298	(D)	(D)	749	161	(4)	(4)
3451	Screw machine products.....	801	344	595	201	(D)	(D)	-	-
3452	Bolts, nuts, rivets, and washers.....	5,727	2,424	1,451	265	(D)	(D)	-	-
3461	Metal stampings.....	6,162	1,218	-	-	5,548	908	-	-
35	Machinery, except electrical.....	9,061	2,735	3,675	1,031	904	249	(D)	(D)
3545	Machine tool accessories.....	1,067	496	725	212	(D)	(D)	-	-
3552	Textile machinery.....	1,786	379	515	136	(4)	(4)	-	-
3554	Paper industries machinery.....	853	325	297	118	-	-	(D)	(D)
3599	Miscellaneous machinery.....	812	375	370	132	(4)	(4)	(D)	(D)
36	Electrical machinery.....	3,227	716	(D)	(D)	(D)	(D)	-	-
37	Transportation equipment.....	5,129	1,161	(D)	(D)	(D)	(D)	(D)	(D)
39	Miscellaneous manufacturing.....	3,189	1,931	-	-	-	-	-	-
	Connecticut ⁵	624,381	178,600	65,306	16,049	246,759	47,500	62,814	9,388
19	Ordnance and accessories.....	8,812	4,052	3,273	826	(D)	(D)	(D)	(D)
25	Furniture and fixtures.....	11,592	1,921	-	-	5,644	698	(D)	(D)
33	Primary metal industries.....	17,214	4,702	(D)	(D)	-	-	-	-
34	Fabricated metal products.....	265,121	59,687	22,013	4,874	140,773	26,213	5,696	885
3423	Hand and edge tools.....	8,383	2,286	3,642	915	2,818	723	-	-
3429	Hardware, n.e.c.....	83,924	16,524	4,882	1,015	72,368	12,908	(D)	(D)
3433	Heating equipment, except electric.....	8,674	1,532	(D)	(D)	6,606	978	(D)	(D)
3441	Fabricated structural steel.....	26,811	4,088	416	63	(D)	(D)	1,116	169
3443	Boiler shop products.....	5,848	1,505	391	82	1,145	194	3,504	529
3444	Sheet metalwork.....	5,296	1,195	170	84	2,428	475	(4)	(4)
3451	Screw machine products.....	5,341	2,518	3,928	1,175	(D)	(D)	(D)	(D)
3452	Bolts, nuts, rivets, and washers.....	23,709	6,844	(D)	(D)	(D)	(D)	-	-
3461	Metal stampings.....	34,488	6,871	(D)	(D)	26,163	4,725	-	-
3481	Fabricated wire products, n.e.c.....	24,460	5,787	(D)	(D)	2,237	660	-	-
3494	Valves and pipe fittings.....	2,638	1,167	704	146	1,159	213	(D)	(D)
3499	Fabricated metal products, n.e.c.....	7,424	1,582	(D)	(D)	4,489	823	(D)	(D)
35	Machinery, except electrical.....	153,808	54,744	30,816	8,512	36,662	8,295	12,418	1,689
3541	Metal-cutting machine tools.....	4,577	1,458	2,771	766	(4)	(4)	(D)	(D)
3542	Metal-forming machine tools.....	1,250	536	654	259	316	117	(D)	(D)
3544	Special dies and tools.....	4,643	1,482	526	203	2,073	438	1,270	223
3545	Machine tool accessories.....	7,535	3,217	6,268	1,552	(4)	(4)	(D)	(D)
3559	Special industry machines, n.e.c.....	9,203	2,043	2,944	610	705	128	(D)	(D)
3562	Ball and roller bearings.....	72,108	30,193	5,662	1,941	(D)	(D)	(D)	(D)
3569	General industry machines, n.e.c.....	6,703	1,262	569	92	1,843	249	(D)	(D)
3579	Office machines, n.e.c.....	3,347	1,288	(D)	(D)	1,523	403	-	-
3599	Miscellaneous machinery.....	7,355	3,327	2,330	520	996	225	750	144
36	Electrical machinery.....	62,314	14,939	3,020	657	48,348	9,146	(D)	(D)
3634	Electric housewares and fans.....	11,427	2,956	(D)	(D)	8,863	1,602	(D)	(D)
3642	Lighting fixtures.....	4,596	950	-	-	4,539	856	-	-
3643	Current carrying devices.....	5,895	1,801	(D)	(D)	3,551	781	-	-
3679	Electronic components, n.e.c.....	1,450	987	(4)	(4)	316	76	-	-
37	Transportation equipment.....	64,194	18,964	1,145	288	(D)	(D)	(D)	(D)
3722	Aircraft engines and parts.....	3,507	8,209	(4)	(4)	(D)	(D)	(D)	(D)
3729	Aircraft equipment, n.e.c.....	705	304	(D)	(D)	(D)	(D)	-	-
38	Instruments and related products.....	2,401	2,449	506	169	794	201	(D)	(D)
39	Miscellaneous manufacturing.....	37,437	16,614	(D)	(D)	(D)	(D)	-	-
3964	Needles, pins, and fasteners.....	17,196	5,604	(D)	(D)	(D)	(D)	-	-
	MIDDLE ATLANTIC.....	9,825,135	1,915,505	978,623	174,093	3,611,396	587,396	1,326,466	195,679
	New York ⁵	2,821,275	580,607	377,176	69,090	1,207,661	209,668	233,707	36,380
19	Ordnance and accessories.....	4,098	1,031	2,269	434	(D)	(D)	(D)	(D)

See footnotes at end of table.

Metal Fabricating Establishments, by Selected Industry

State: 1963--Continued

Carbon steel--Continued						Alloy steel						Code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331020, 331029, 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
3,296	488	8,267	1,842	17,342	3,177	1,422	779	1,888	614	4,057	4,643	
2,042	324	6,932	1,549	14,205	2,179	(D)	(D)	(D)	(D)	1,964	2,693	34
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	42	54	3444
(D)	(D)	2,613	621	(D)	(D)	(*)	(*)	(D)	(D)	76	87	3451
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,058	1,380	3452
(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	(D)	(D)	3461
(D)	(D)	(D)	(D)	1,262	316	756	595	(D)	(D)	82	114	35
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3545
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)	3552
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)	3554
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)	3599
(D)	(D)	(D)	(D)	125	107	(D)	(D)	(D)	(D)	(D)	(D)	36
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	37
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	39
28,617	4,720	63,325	15,695	48,528	11,466	46,968	22,861	35,546	16,538	26,518	34,383	
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	19
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	116	82	25
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	941	1,152	33
23,399	3,694	47,908	10,391	12,107	1,549	2,663	1,187	5,011	3,841	5,551	7,053	34
(D)	(D)	1,107	317	(D)	(D)	307	126	(D)	(D)	(D)	(D)	3423
(D)	(D)	5,386	1,188	(D)	(D)	(D)	(D)	(D)	(D)	1,102	1,316	34.9
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3433
21,617	3,347	(D)	(D)	930	130	(D)	(D)	(D)	(D)	(D)	(D)	3441
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	444	620	3443
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	159	167	3444
(D)	(D)	(*)	(*)	(D)	(D)	636	337	(D)	(D)	577	855	3451
(D)	(D)	15,380	3,224	(D)	(D)	1,402	583	3,615	1,886	324	465	3452
(D)	(D)	807	307	6,196	325	(*)	(*)	248	376	840	1,059	3461
(D)	(D)	21,697	4,513	(D)	(D)	(D)	(D)	56	92	237	456	3481
(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)	(D)	(D)	561	738	3494
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3499
3,119	579	12,291	4,385	3,701	908	38,375	19,279	13,435	6,800	2,991	4,297	35
(D)	(D)	(D)	(D)	(D)	(D)	1,001	426	(D)	(D)	(*)	(*)	3541
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3542
(D)	(D)	(D)	(D)	(D)	(D)	329	67	67	59	101	115	3544
(D)	(D)	(D)	(D)	255	91	306	808	(*)	(*)	23	74	3545
(D)	(D)	(D)	(D)	(D)	(D)	1,410	70	(D)	(D)	152	206	3559
295	53	(D)	(D)	1,095	203	140	70	10,941	5,176	650	94	3562
(D)	(D)	11,938	4,071	(D)	(D)	(D)	(D)	(D)	(D)	119	26	3569
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	81	4	3579
(D)	(D)	(D)	(D)	(D)	(D)	533	235	367	152	1,481	1,829	3599
(*)	(*)	(D)	(D)	615	146	(D)	(D)	(D)	(D)	(D)	(D)	(D)
(D)	(D)	1,209	284	2,846	848	123	129	4,096	1,631	1,346	1,320	36
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)	3634
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3642
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	436	436	3643
(D)	(D)	(D)	(D)	49	52	(D)	(D)	(D)	(D)	(D)	(D)	3679
(D)	(D)	654	146	(D)	(D)	1,072	377	492	355	4,060	4,060	37
(D)	(D)	(D)	(D)	(D)	(D)	344	234	(D)	(D)	2,536	7,638	37.1
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	643	287	37.2
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	851	1,111	38
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	10,511	6,344	39
(D)	(D)	(D)	(D)	20,617	5,284	(D)	(D)	2,675	875	(D)	(D)	39.1
(D)	(D)	(D)	(D)	13,056	3,771	(D)	(D)	(D)	(D)	(D)	(D)	39.2
1,027,928	147,872	366,811	89,532	1,853,119	373,406	264,585	85,957	280,738	115,423	115,469	147,872	
268,466	38,467	114,517	25,727	412,313	88,756	89,848	25,255	63,154	25,699	64,431	61,565	
(D)	(D)	(D)	(D)	207	149	(D)	(D)	(D)	(D)	(D)	(D)	

TABLE 3. Consumption of Steel Mill Shapes and Forms by Groups and Industries Within

Code	Division, State, industry group and industry ¹	Total		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
	MIDDLE ATLANTIC--Continued								
	New York--Continued								
25	Furniture and fixtures.....	128,992	23,429	-	-	105,798	17,064	-	-
2511	Wood furniture not upholstered.....	2,081	674	-	-	435	91	-	-
2514	Metal household furniture.....	28,159	4,437	-	-	21,970	3,326	-	-
2515	Mattresses and bedsprings.....	3,560	706	-	-	2,501	417	-	-
2522	Metal office furniture.....	56,228	9,402	-	-	51,121	8,287	-	-
2541	Wood partitions and fixtures.....	1,409	713	-	-	(D)	(D)	-	-
2542	Metal partitions and fixtures.....	34,429	6,342	-	-	27,477	4,264	-	-
2591	Venetian blinds and shades.....	1,863	747	-	-	1,556	541	-	-
33	Primary metal industries.....	27,419	6,145	11,970	1,775	-	-	-	-
3391	Iron and steel forgings.....	27,419	6,145	11,970	1,775	-	-	-	-
34	Fabricated metal products.....	1,230,650	236,699	127,562	22,588	323,286	54,329	103,795	15,102
3411	Metal cans.....	209,444	42,753	-	-	-	-	-	-
3421	Cutlery.....	3,864	1,984	(D)	(D)	1,374	412	-	-
3423	Hand and edge tools.....	27,120	7,442	19,272	3,010	6,937	1,469	-	-
3425	Hand saws and saw blades.....	1,400	1,432	-	-	(D)	(D)	(D)	(D)
3429	Hardware, n.e.c.....	35,817	12,966	4,231	557	15,524	3,045	(D)	(D)
3433	Heating equipment, except electric.....	31,671	6,039	(4)	(4)	26,850	5,093	(D)	(D)
3441	Fabricated structural steel.....	309,086	43,046	14,796	2,162	10,831	1,623	52,820	7,274
3442	Metal doors, sash, and trim.....	40,163	7,157	3,443	565	31,904	5,038	(D)	(D)
3443	Boiler shop products.....	91,027	18,327	5,190	733	28,032	4,506	34,180	5,141
3444	Sheet metalwork.....	62,922	12,167	2,661	654	55,405	9,146	2,371	346
3446	Architectural metalwork.....	26,466	4,638	4,317	707	9,746	1,578	835	135
3451	Screw machine products.....	7,966	2,815	6,709	1,803	(D)	(D)	(D)	(D)
3452	Bolts, nuts, rivets, and washers.....	51,449	10,164	23,509	4,164	2,553	654	-	-
3461	Metal stampings.....	156,032	31,519	4,328	528	97,550	15,434	7,181	1,000
3481	Fabricated wire products, n.e.c.....	55,450	12,412	5,368	828	3,327	610	(4)	(4)
3494	Valves and pipe fittings.....	3,126	781	1,941	344	(4)	(4)	(4)	(4)
3498	Fabricated pipe and fittings.....	8,477	2,620	(D)	(D)	-	-	(D)	(D)
3499	Fabricated metal products, n.e.c.....	19,264	3,805	2,640	421	8,224	1,567	(D)	(D)
35	Machinery, except electrical.....	359,840	100,912	62,639	14,858	131,355	26,710	67,205	10,884
3522	Farm machinery and equipment.....	4,902	989	1,315	236	2,338	407	(4)	(4)
3531	Construction machinery.....	17,716	2,781	2,681	410	3,316	563	6,964	1,021
3535	Conveyors.....	15,144	3,394	886	171	4,650	1,083	1,329	251
3536	Hoists, cranes, and monorails.....	3,592	726	1,193	255	(D)	(D)	(D)	(D)
3537	Industrial trucks and tractors.....	9,227	2,065	2,692	606	1,975	404	(D)	(D)
3541	Metal-cutting machine tools.....	10,002	3,951	2,702	628	(D)	(D)	2,200	311
3542	Metal-forming machine tools.....	11,426	2,328	1,429	280	(D)	(D)	(D)	(D)
3544	Special dies and tools.....	10,040	3,519	2,005	801	5,196	930	736	205
3548	Metalworking machinery, n.e.c.....	6,418	1,444	1,843	481	848	192	685	113
3551	Food products machinery.....	11,205	2,570	2,345	511	3,548	563	(D)	(D)
3552	Textile machinery.....	1,534	655	709	213	(D)	(D)	(D)	(D)
3553	Woodworking machinery.....	542	176	336	77	(4)	(4)	(D)	(D)
3554	Paper industries machinery.....	12,554	2,790	6,792	1,441	(D)	(D)	(D)	(D)
3555	Printing trades machinery.....	4,055	1,291	1,796	530	348	120	719	170
3559	Special industry machines, n.e.c.....	13,524	5,284	2,728	658	961	160	4,819	979
3561	Pumps and compressors.....	11,122	3,842	1,814	520	(D)	(D)	(D)	(D)
3562	Ball and roller bearings.....	20,571	8,495	1,729	1,005	6,765	1,503	-	-
3564	Blowers and fans.....	14,290	1,997	(D)	(D)	(D)	(D)	(D)	(D)
3569	General industry machines, n.e.c.....	6,554	3,594	1,176	297	1,307	252	1,635	278
3571	Computing and related machines.....	7,108	2,517	1,445	556	3,986	939	-	-
3581	Automatic vending machines.....	1,903	414	(D)	(D)	1,709	328	(D)	(D)
3582	Commercial laundry equipment.....	3,153	833	(D)	(D)	496	98	387	79
3585	Refrigeration machinery.....	64,213	14,293	4,663	908	43,134	7,645	(D)	(D)
3589	Service industry machines, n.e.c.....	2,603	1,216	(4)	(4)	1,293	135	(D)	(D)
3599	Miscellaneous machinery.....	11,394	3,982	4,462	1,001	1,730	332	1,459	294
36	Electrical machinery.....	320,479	70,024	40,182	8,762	172,524	31,757	(D)	(D)
3613	Switchgear and switchboards.....	10,858	1,741	506	112	9,715	1,505	(D)	(D)
3621	Motors and generators.....	148,154	30,583	15,435	3,835	73,733	13,459	(D)	(D)
3634	Electric housewares and fans.....	9,203	2,634	(D)	(D)	6,025	1,099	-	-
3642	Lighting fixtures.....	23,413	5,129	(D)	(D)	14,753	2,393	380	57
3643	Current carrying devices.....	9,062	2,338	(D)	(D)	4,441	885	(D)	(D)
3644	Noncurrent carrying devices.....	18,703	3,495	(D)	(D)	5,087	880	-	-
3651	Radio and TV receiving sets.....	8,446	1,898	(D)	(D)	7,644	1,665	-	-
3662	Radio, TV communications equipment.....	6,768	1,868	1,764	201	3,560	676	(D)	(D)
3679	Electronic components, n.e.c.....	20,312	6,210	(D)	(D)	9,297	1,932	-	-
3694	Engine electrical equipment.....	1,993	486	(4)	(4)	1,439	344	-	-

See footnotes at end of table.

Metal Fabricating Establishments, by Selected Industry
State: 1963--Continued

Carbon steel--Continued						Alloy steel						Code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
(D)	(D)	(D)	(D)	10,406	2,233	-	-	10,449	1,879	1,492	1,986	25
-	-	-	-	(D)	(D)	-	-	(D)	(D)	65	170	2511
-	-	(D)	(D)	1,187	310	-	-	4,898	666	(D)	(D)	2514
-	-	-	-	(D)	(D)	-	-	-	-	(D)	(D)	2515
-	-	-	-	(D)	(D)	-	-	(D)	(D)	48	71	2522
-	-	-	-	(D)	(D)	-	-	674	118	302	515	2541
(D)	(D)	(D)	(D)	3,896	818	-	-	1,591	294	633	716	2542
-	-	-	-	238	142	-	-	(⁴)	(⁴)	(D)	(D)	2591
-	-	-	-	3,092	403	5,725	1,249	5,713	1,519	919	1,199	33
-	-	-	-	3,092	403	5,725	1,249	5,713	1,519	919	1,199	3391
237,046	32,557	70,598	16,224	303,949	60,067	35,407	7,919	8,329	5,315	20,678	22,982	34
-	-	-	-	209,444	42,753	-	-	-	-	-	-	3411
-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-	1,634	1,371	3421
-	-	1,028	362	1,528	266	(D)	(D)	1,045	668	(D)	(D)	3423
-	-	-	-	-	-	134	63	1,185	1,260	(D)	(D)	3425
-	-	5,852	1,045	1,629	481	(D)	(D)	476	226	7,682	7,534	3429
(⁴)	(⁴)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	116	139	3433
215,878	29,147	4,574	711	7,347	1,155	1,304	210	939	187	597	577	3441
1,447	283	(D)	(D)	(D)	(D)	(D)	(D)	121	89	678	723	3442
7,622	1,136	(D)	(D)	12,030	3,361	(D)	(D)	(D)	(D)	761	1,054	3443
568	114	(D)	(D)	374	129	-	-	(D)	(D)	1,319	1,686	3444
8,081	1,265	871	176	2,038	320	(D)	(D)	(D)	(D)	339	390	3446
-	-	-	-	(D)	(D)	506	206	(D)	(D)	519	660	3451
-	-	24,487	4,563	(D)	(D)	579	218	(D)	(D)	309	556	3452
(D)	(D)	1,981	391	35,811	6,386	(D)	(D)	(D)	(D)	5,919	6,468	3461
(⁴)	(⁴)	41,740	8,562	(D)	(D)	(D)	(D)	(D)	(D)	372	982	3481
-	-	(D)	(D)	498	112	233	104	(D)	(D)	42	72	3494
-	-	-	-	3,859	683	(D)	(D)	(D)	(D)	(D)	(D)	3498
815	149	1,329	193	4,853	829	(D)	(D)	364	161	144	231	3499
19,840	3,846	10,911	3,987	25,169	7,955	19,130	10,703	9,899	5,309	13,692	16,660	35
459	88	(D)	(D)	109	52	(D)	(D)	-	-	38	51	3522
3,850	577	(D)	(D)	420	104	(D)	(D)	-	-	(D)	(D)	3531
1,864	396	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	3535
1,110	176	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	3537
2,004	386	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(⁴)	(⁴)	3541
149	84	(D)	(D)	503	123	2,721	1,943	(D)	(D)	182	108	3542
(D)	(D)	-	-	(D)	(D)	495	494	58	93	191	200	3544
252	90	(⁴)	(⁴)	601	194	605	906	293	159	(D)	(D)	3548
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(⁴)	(⁴)	598	580	3551
1,996	344	-	-	(⁴)	(⁴)	-	-	(⁴)	(⁴)	(³)	(³)	3552
407	98	(D)	(D)	(D)	(D)	(⁴)	(⁴)	(D)	(D)	(⁴)	(⁴)	3553
(D)	(D)	(D)	(D)	(⁴)	(⁴)	(D)	(D)	165	90	240	251	3554
(D)	(D)	(D)	(D)	1,300	311	-	-	(D)	(D)	(⁴)	(⁴)	3555
(D)	(D)	-	-	319	123	(D)	(D)	(D)	(D)	1,476	2,387	3559
622	117	(D)	(D)	1,998	673	190	54	(D)	(D)	304	728	3561
(D)	(D)	-	-	(D)	(D)	1,553	551	(D)	(D)	(⁴)	(⁴)	3562
-	-	-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	3564
968	128	-	-	(D)	(D)	-	-	(D)	(D)	1,466	2,324	3566
467	120	(D)	(D)	164	64	152	103	(D)	(D)	266	388	3571
-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3581
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	916	352	3582
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	2,279	3,111	3585
(D)	(D)	(D)	(D)	3,484	1,116	(D)	(D)	(D)	(D)	391	964	3589
-	-	-	-	-	-	(D)	(D)	(D)	(D)	809	1,265	3590
392	82	62	69	381	114	1,760	680	339	145	-	-	-
(D)	(D)	28,420	4,248	15,282	5,111	(D)	(D)	22,485	9,495	3,693	4,344	36
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3611
(D)	(D)	(D)	(D)	4,835	1,003	(D)	(D)	(D)	(D)	1,708	1,818	3621
-	-	(⁴)	(⁴)	(D)	(D)	-	-	(D)	(D)	(⁴)	(⁴)	3642
(D)	(D)	775	226	4,965	1,577	(D)	(D)	1,233	537	165	189	3644
-	-	617	387	(D)	(D)	(D)	(D)	(D)	(D)	(⁴)	(⁴)	3646
-	-	(⁴)	(⁴)	(D)	(D)	-	-	-	-	(D)	(D)	3651
(D)	(D)	-	-	(D)	(D)	-	-	-	-	293	391	3662
(D)	(D)	(⁴)	(⁴)	(D)	(D)	356	176	242	250	(D)	(D)	3664
(D)	(D)	3,331	1,187	(⁴)	(⁴)	(D)	(D)	4,982	1,669	(D)	(D)	3666
-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-	-	-

TABLE 3. Consumption of Steel Mill Shapes and Forms by Groups and Industries Within

Code	Division, State, industry group and industry ¹	Total		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
	MIDDLE ATLANTIC--Continued								
	New York--Continued								
37	Transportation equipment.....	678,295	119,128	132,267	20,547	(D)	(D)	27,514	4,841
3713	Truck and bus bodies.....	3,446	590	862	170	1,661	268	482	71
3717	Motor vehicles and parts.....	600,471	103,257	(D)	(D)	(D)	(D)	1,431	279
3722	Aircraft engines and parts.....	548	526	(D)	(D)	-	-	-	-
3729	Aircraft equipment, n.e.c.....	3,135	1,713	513	149	(D)	(D)	(D)	(D)
3731	Ship building and repairing.....	12,388	2,045	2,111	354	(D)	(D)	6,333	959
3742	Railroad and street cars.....	12,067	2,090	1,911	309	(D)	(D)	(D)	(D)
3751	Motorcycles, bicycles, and parts.....	9,709	1,519	(D)	(D)	8,529	1,305	-	-
38	Instruments and related products.....	31,913	8,968	(D)	(D)	(D)	(D)	(D)	(D)
3821	Mechanical measuring devices.....	4,226	1,702	(D)	(D)	(D)	(D)	(D)	(D)
3861	Photographic equipment.....	21,360	6,089	-	-	-	-	-	-
39	Miscellaneous manufacturing.....	33,012	12,756	(D)	(D)	(D)	(D)	-	-
3941	Games and toys.....	7,248	1,254	-	-	-	-	-	-
3949	Sporting and athletic goods.....	3,434	1,039	(D)	(D)	-	-	-	-
3964	Needles, pins, and fasteners.....	6,149	1,955	-	-	(4)	(4)	-	-
3999	Miscellaneous products, n.e.c.....	7,862	2,754	-	-	(D)	(D)	-	-
	New Jersey ⁵	1,675,922	348,561	106,525	20,163	501,640	83,684	113,279	16,406
25	Furniture and fixtures.....	43,230	7,878	-	-	34,915	5,676	-	-
2542	Metal partitions and fixtures.....	11,299	1,778	-	-	10,766	1,564	-	-
2599	Furniture and fixtures, n.e.c.....	1,409	376	-	-	779	149	-	-
30	Rubber and plastics products, n.e.c.....	4,032	2,174	-	-	-	-	-	-
3069	Rubber products, n.e.c.....	4,032	2,174	-	-	-	-	-	-
33	Primary metal industries.....	6,317	2,004	(D)	(D)	-	-	-	-
3391	Iron and steel forgings.....	6,317	2,004	(D)	(D)	-	-	-	-
34	Fabricated metal products.....	1,137,535	220,677	43,197	8,171	273,624	44,513	54,446	8,392
3421	Cutlery.....	4,512	1,230	(D)	(D)	1,583	327	-	-
3423	Hand and edge tools.....	7,291	1,527	2,317	437	4,127	849	(D)	(D)
3433	Heating equipment, except electric.....	25,439	4,272	(D)	(D)	24,757	3,791	(4)	(4)
3441	Fabricated structural steel.....	121,672	17,309	5,273	810	949	153	21,346	3,162
3442	Metal doors, sash, and trim.....	6,804	1,347	(D)	(D)	(D)	(D)	-	-
3443	Boiler shop products.....	52,228	9,568	1,384	248	12,648	1,885	28,202	4,354
3444	Sheet metalwork.....	20,515	4,543	1,676	312	15,251	2,806	1,041	169
3446	Architectural metalwork.....	1,229	244	410	80	(D)	(D)	(D)	(D)
3451	Screw machine products.....	4,633	1,968	3,258	835	(4)	(4)	-	-
3452	Bolts, nuts, rivets, and washers.....	42,725	12,693	8,385	1,674	12,899	3,070	-	-
3461	Metal stampings.....	84,541	20,299	388	74	21,174	3,763	(D)	(D)
3481	Fabricated wire products, n.e.c.....	38,302	10,587	(4)	(4)	(D)	(D)	-	-
3491	Metal barrels, drums, and pails.....	141,100	21,692	-	-	131,260	19,445	-	-
3494	Valves and pipe fittings.....	4,578	1,349	1,953	368	(D)	(D)	(D)	(D)
3498	Fabricated pipe and fittings.....	14,250	3,764	(D)	(D)	(D)	(D)	(D)	(D)
3499	Fabricated metal products, n.e.c.....	6,839	1,251	455	85	4,545	741	(4)	(4)
35	Machinery, except electrical.....	269,271	63,517	37,051	6,373	95,662	13,935	31,039	4,078
3531	Construction machinery.....	2,868	572	644	105	(D)	(D)	538	93
3535	Conveyors.....	6,605	1,058	648	136	(D)	(D)	(D)	(D)
3542	Metal-forming machine tools.....	1,526	445	(4)	(4)	370	124	825	171
3544	Special dies and tools.....	7,943	3,574	1,465	681	1,322	233	2,943	808
3548	Metalworking machinery, n.e.c.....	1,368	500	543	182	(D)	(D)	(4)	(4)
3551	Food products machinery.....	202	184	(4)	(4)	(D)	(D)	-	-
3552	Textile machinery.....	5,282	1,467	1,953	399	(D)	(D)	-	-
3554	Paper industries machinery.....	3,644	804	1,809	414	-	-	1,037	197
3555	Printing trades machinery.....	3,019	1,278	1,485	416	(D)	(D)	258	96
3559	Special industry machines, n.e.c.....	52,205	5,520	12,255	677	13,168	555	13,583	925
3561	Pumps and compressors.....	11,385	2,390	1,499	267	(D)	(D)	(D)	(D)
3566	Power transmission equipment.....	1,525	594	776	194	-	-	-	-
3569	General industry machines, n.e.c.....	5,715	1,643	1,263	370	(D)	(D)	1,153	206
3579	Office machines, n.e.c.....	1,640	700	340	161	(D)	(D)	-	-
3585	Refrigeration machinery.....	22,154	4,216	(D)	(D)	19,125	3,248	(D)	(D)
3589	Service industry machines, n.e.c.....	3,950	2,122	(D)	(D)	1,924	292	(4)	(4)
3599	Miscellaneous machinery.....	6,009	1,821	2,353	524	1,145	210	548	96

See footnotes at end of table.

State: 1963--Continued

Carbon steel--Continued						Alloy steel						Code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331020, 331029, 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
(D)	(D)	2,474	603	6,627	1,583	28,219	4,831	2,156	1,105	(D)	(D)	37
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3713
(D)	(D)	1,987	485	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3717
(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	249	380	3722
(D)	(D)	(D)	(D)	(D)	(D)	494	226	375	298	443	691	3729
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	55	90	3731
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	-	-	3742
-	-	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	3751
(D)	(D)	(4)	(4)	20,828	5,284	(D)	(D)	311	179	1,094	1,564	38
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	347	462	3821
-	-	-	-	20,771	5,161	-	-	(D)	(D)	(D)	(D)	3861
-	-	(D)	(D)	21,232	5,249	(D)	(D)	3,802	882	6,614	6,324	39
-	-	-	-	5,829	900	-	-	(D)	(D)	(D)	(D)	3941
-	-	-	-	2,928	494	-	-	253	125	(D)	(D)	3949
-	-	(D)	(D)	4,492	1,483	-	-	1,089	209	(D)	(D)	3964
-	-	-	-	5,775	1,745	(D)	(D)	(D)	(D)	(D)	(D)	3999
130,337	19,429	61,340	17,932	650,558	125,031	36,735	11,331	56,049	29,986	19,459	24,599	25
-	-	-	-	7,952	1,897	-	-	(D)	(D)	(D)	(D)	2542
-	-	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	2599
-	-	-	-	(D)	(D)	-	-	-	-	(D)	(D)	30
-	-	4,032	2,174	-	-	-	-	-	-	-	-	3069
-	-	4,032	2,174	-	-	-	-	-	-	-	-	33
-	-	-	-	2,447	409	(D)	(D)	(D)	(D)	(D)	(D)	3391
-	-	-	-	2,447	409	(D)	(D)	(D)	(D)	(D)	(D)	34
100,317	14,191	51,128	13,073	584,580	110,036	6,219	2,115	13,735	7,706	10,289	12,480	3421
-	-	(D)	(D)	(D)	(D)	-	-	-	-	504	469	3422
-	-	(D)	(D)	(D)	(D)	(D)	(D)	(4)	(4)	(D)	(D)	3423
(D)	(D)	-	-	-	-	(4)	(4)	-	-	300	402	3433
92,915	12,999	(4)	(4)	916	119	(D)	(D)	-	-	(D)	(D)	3441
(D)	(D)	(D)	(D)	-	-	-	-	-	-	25	101	3442
5,509	854	(D)	(D)	2,661	506	(D)	(D)	678	216	858	1,416	3443
758	149	(4)	(4)	743	122	(D)	(D)	(D)	(D)	768	897	3444
(D)	(D)	(D)	(D)	375	78	(D)	(D)	(D)	(D)	(D)	(D)	3445
-	-	(D)	(D)	-	-	588	211	(D)	(D)	334	437	3446
-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	1,872	2,507	3452
(D)	(D)	12,146	3,321	(D)	(D)	(D)	(D)	(D)	(D)	915	1,091	3451
-	-	690	156	52,671	10,181	(D)	(D)	(D)	(D)	471	-	3451
-	-	36,335	9,084	(D)	(D)	-	-	(D)	(D)	-	-	3491
-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-	-	3494
-	-	-	-	1,003	191	(D)	(D)	(D)	(D)	577	558	3494
-	-	(D)	(D)	3,740	687	(D)	(D)	(D)	(D)	594	594	3494
385	80	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	103	124	3494
20,104	3,560	3,567	1,391	24,501	6,486	17,809	4,991	34,276	15,749	5,262	6,954	35
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	3531
756	166	(D)	(D)	(D)	(D)	(4)	(4)	-	-	152	152	3535
-	-	(D)	(D)	(D)	(D)	(4)	(4)	(D)	(D)	(D)	(D)	3535
(4)	(4)	86	121	731	297	513	548	494	430	45	45	3535
(4)	(4)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	3551
(D)	(D)	-	-	-	-	-	-	-	-	139	139	3551
-	-	(D)	(D)	429	182	-	-	(3)	(3)	129	129	3552
-	-	-	-	(D)	(D)	-	-	-	-	(D)	(D)	3554
-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3555
256	96	(D)	(D)	333	246	-	-	(D)	(D)	(D)	(D)	3559
1,149	239	(D)	(D)	1,004	715	475	262	(D)	(D)	1,334	2,023	3561
1,202	177	-	-	614	288	(D)	(D)	(D)	(D)	237	270	3561
-	-	-	-	(D)	(D)	677	320	-	-	(D)	(D)	3569
668	115	-	-	612	132	539	225	(D)	(D)	157	248	3569
-	-	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	3585
337	57	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,628	1,628	3589
(4)	(4)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-	3599
(D)	(D)	(D)	(D)	562	136	284	112	671	276	-	-	3599

TABLE 3. Consumption of Steel Mill Shapes and Forms by Groups and Industries Within

Code	Division, State, industry group and industry ¹	Total		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
	MIDDLE ATLANTIC--Continued								
	New Jersey--Continued								
36	Electrical machinery.....	125,399	30,991	12,538	2,848	90,156	18,257	(D)	(D)
3621	Motors and generators.....	35,052	6,725	6,985	1,498	18,986	3,248	(D)	(D)
3642	Lighting fixtures.....	14,902	2,452	-	-	13,603	2,098	-	-
3662	Radio, TV communications equipment.....	2,916	1,042	284	111	1,753	289	(D)	(D)
3679	Electronic components, n.e.c.....	6,384	2,542	(D)	(D)	2,713	633	(D)	(D)
37	Transportation equipment.....	77,450	17,155	12,874	2,633	6,808	1,154	27,213	3,627
3713	Truck and bus bodies.....	6,370	1,026	381	77	3,369	505	1,077	173
3729	Aircraft equipment, n.e.c.....	2,560	932	(D)	(D)	(D)	(D)	(D)	(D)
3731	Ship building and repairing.....	20,022	3,836	903	173	(4)	(4)	(D)	(D)
38	Instruments and related products.....	1,376	1,063	(D)	(D)	(D)	(D)	(D)	(D)
39	Miscellaneous manufacturing.....	7,723	2,587	(D)	(D)	(D)	(D)	(D)	(D)
	Pennsylvania ⁵	5,327,938	986,337	494,922	84,840	1,902,095	294,044	979,480	142,893
19	Ordnance and accessories.....	52,095	16,530	10,964	1,587	(D)	(D)	(D)	(D)
25	Furniture and fixtures.....	195,759	31,543	(D)	(D)	169,034	26,171	-	-
2514	Metal household furniture.....	52,251	7,833	-	-	38,352	5,470	-	-
2522	Metal office furniture.....	58,181	9,090	-	-	54,480	8,414	-	-
2542	Metal partitions and fixtures.....	68,373	10,507	(D)	(D)	63,237	9,189	-	-
2599	Furniture and fixtures, n.e.c.....	4,409	797	-	-	3,948	673	-	-
30	Rubber and plastics products, n.e.c.....	5,376	2,347	-	-	-	-	-	-
32	Stone, clay, and glass products.....	5,202	755	-	-	-	-	-	-
3271	Concrete block and brick.....	758	106	-	-	-	-	-	-
3272	Other concrete products.....	4,444	649	-	-	-	-	-	-
33	Primary metal industries.....	95,431	19,950	40,514	6,418	-	-	-	-
3391	Iron and steel forgings.....	95,431	19,950	40,514	6,418	-	-	-	-
34	Fabricated metal products.....	2,798,596	486,770	230,051	37,689	730,299	110,656	514,122	77,137
3411	Metal cans.....	323,678	58,253	(D)	(D)	(D)	(D)	-	-
3423	Hand and edge tools.....	17,877	4,436	12,725	2,580	1,703	381	(D)	(D)
3429	Hardware, n.e.c.....	16,861	3,671	4,104	921	10,300	1,679	(D)	(D)
3433	Heating equipment, except electric.....	80,150	13,019	2,613	425	43,210	6,337	28,153	4,129
3441	Fabricated structural steel.....	732,537	106,816	46,251	6,809	30,099	5,463	169,350	25,614
3442	Metal doors, sash, and trim.....	38,449	6,239	(D)	(D)	35,013	5,393	(3)	(3)
3443	Boiler shop products.....	432,043	76,205	9,036	1,465	14,747	2,117	297,852	43,956
3444	Sheet metalwork.....	144,941	25,647	5,908	912	133,551	21,805	1,238	189
3446	Architectural metalwork.....	42,344	6,537	3,320	521	(D)	(D)	(D)	(D)
3449	Miscellaneous metalwork, n.e.c.....	90,214	12,630	(D)	(D)	(D)	(D)	2,586	382
3451	Screw machine products.....	6,696	1,962	6,120	1,564	(D)	(D)	-	-
3452	Bolts, nuts, rivets, and washers.....	91,060	20,490	35,756	5,676	1,629	408	(D)	(D)
3461	Metal stampings.....	417,475	67,580	12,384	1,991	339,996	48,306	6,514	902
3481	Fabricated wire products, n.e.c.....	130,945	31,519	5,391	904	19,028	3,402	(D)	(D)
3493	Steel springs.....	74,534	13,011	28,861	4,328	(D)	-	-	-
3494	Valves and pipe fittings.....	44,619	7,683	8,706	1,430	3,582	561	4,040	647
3498	Fabricated pipe and fittings.....	54,726	15,463	300	134	(D)	(D)	(D)	(D)
3499	Fabricated metal products, n.e.c.....	50,044	8,159	(D)	(D)	34,322	5,349	1,425	232
35	Machinery, except electrical.....	531,259	130,515	119,009	23,584	134,231	23,009	148,837	22,416
3531	Construction machinery.....	45,950	8,713	30,630	5,040	652	94	3,905	625
3532	Mining machinery and equipment.....	23,208	4,282	3,462	636	805	119	9,891	1,534
3535	Conveyors.....	23,446	4,560	2,951	576	4,598	767	9,040	1,282
3536	Hoists, cranes, and monorails.....	3,196	574	592	133	-	-	(D)	(D)
3541	Metal-cutting machine tools.....	1,872	584	636	145	(4)	(4)	(D)	(D)
3542	Metal-forming machine tools.....	2,597	1,753	766	242	(D)	(D)	(D)	(D)
3544	Special dies and tools.....	16,362	4,798	3,243	1,209	4,224	846	4,360	808
3545	Machine tool accessories.....	4,366	1,610	(D)	(D)	-	-	-	-
3548	Metalworking machinery, n.e.c.....	26,855	4,616	2,728	557	(D)	(D)	17,392	2,805
3551	Food products machinery.....	8,103	2,515	894	199	2,890	390	2,009	228
3552	Textile machinery.....	11,965	6,345	3,805	1,115	4,013	974	-	-
3559	Special industry machines, n.e.c.....	13,266	3,958	3,514	760	586	114	6,140	1,104
3561	Pumps and compressors.....	7,377	3,185	1,209	347	600	101	1,435	259
3564	Blowers and fans.....	2,142	401	(D)	(D)	1,294	180	(D)	(D)
3566	Power transmission equipment.....	14,933	3,925	4,358	945	5,376	1,202	1,771	275
3567	Industrial furnaces and ovens.....	3,680	1,332	(D)	(D)	594	130	1,627	215

See footnotes at end of table.

Metal Fabricating Establishments, by Selected Industry

State: 1963--Continued

Carbon steel--Continued						Alloy steel						Code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
(4)	(4)	1,451	769	16,447	3,243	235	177	3,344	4,575	557	782	36
-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3621
-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3642
(D)	(D)	-	-	(D)	(D)	152	90	(D)	(D)	131	201	3662
(D)	(D)	211	195	(D)	(D)	(D)	(D)	1,022	976	(D)	(D)	3679
9,679	1,620	(D)	(D)	7,163	1,618	(D)	(D)	(D)	(D)	1,263	2,070	37
595	103	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	3713
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	138	251	3729
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(3)	(3)	(D)	(D)	3731
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	225	407	38
(D)	(D)	-	-	3,717	736	-	-	2,891	1,014	(D)	(D)	39
629,125	89,976	190,954	45,873	790,248	159,619	138,002	49,371	161,535	59,738	41,577	59,983	
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	769	988	19
(D)	(D)	(D)	(D)	17,452	3,515	-	-	(D)	(D)	218	364	25
-	-	-	-	5,908	997	-	-	(D)	(D)	(D)	(D)	2514
-	-	-	-	3,701	676	-	-	-	-	-	-	2522
(D)	(D)	-	-	4,086	1,074	-	-	(D)	(D)	73	104	2542
-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	2599
-	-	5,376	2,347	-	-	-	-	-	-	-	-	30
-	-	-	-	5,202	755	-	-	-	-	-	-	32
-	-	-	-	758	106	-	-	-	-	-	-	3271
-	-	-	-	4,444	649	-	-	-	-	-	-	3272
-	-	-	-	11,118	1,469	28,407	6,490	13,639	3,578	1,753	2,076	33
-	-	-	-	11,118	1,469	28,407	6,104	13,639	3,578	1,753	2,076	3391
492,111	68,455	144,579	30,791	559,568	104,068	36,731	12,673	76,570	24,094	14,565	21,207	34
-	-	(D)	(D)	322,803	58,112	-	-	-	-	(D)	(D)	3411
-	-	(D)	(D)	(D)	(D)	1,332	536	653	319	(D)	(D)	3423
(D)	(D)	1,343	239	(D)	(D)	(D)	(D)	(D)	(D)	529	644	3429
411	80	(D)	(D)	3,026	850	(D)	(D)	(D)	(D)	(D)	(D)	3433
460,197	63,064	5,201	788	16,696	3,018	(D)	(D)	(D)	(D)	(D)	(D)	3441
520	88	-	-	(D)	(D)	(D)	(D)	(D)	(D)	246	282	3442
23,880	3,163	181	68	24,373	7,213	1,440	432	56,962	13,068	3,572	4,723	3443
(D)	(D)	(D)	(D)	1,141	219	(D)	(D)	(D)	(D)	1,641	2,250	3444
6,479	938	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3446
3,522	504	4,280	620	33,800	4,112	(D)	(D)	-	-	(D)	(D)	3449
-	-	(D)	(D)	(D)	(D)	320	137	(D)	(D)	149	218	3451
-	-	28,155	4,817	16,539	4,289	3,683	1,535	(D)	(D)	(D)	(D)	3452
(D)	(D)	312	58	54,144	11,310	(D)	(D)	1,167	1,197	2,813	3,764	3461
(D)	(D)	100,805	22,970	686	142	(D)	(D)	3,075	1,771	1,092	2,122	3481
-	-	(D)	(D)	(D)	(D)	21,015	7,531	(D)	(D)	(D)	(D)	3493
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,812	2,163	3494
(D)	(D)	(D)	(D)	48,997	10,708	(D)	(D)	2,672	2,747	596	1,395	3498
(D)	(D)	214	104	1,818	540	-	-	-	-	(D)	(D)	3499
32,947	5,811	3,524	3,483	26,936	8,494	27,884	11,772	26,394	13,502	11,497	18,444	35
1,816	290	(D)	(D)	7,390	2,110	1,261	316	(D)	(D)	(D)	(D)	3531
3,893	605	-	-	590	234	1,975	536	(D)	(D)	(D)	(D)	3532
5,831	1,174	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	268	375	3535
1,591	230	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3536
(3)	(3)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3541
(4)	(4)	-	-	(D)	(D)	(D)	(D)	2,198	885	98	94	3544
(D)	(D)	(D)	(D)	671	243	385	589	(D)	(D)	(D)	(D)	3545
-	-	-	-	-	-	3,635	1,186	(D)	(D)	(D)	(D)	3548
4,740	682	(D)	(D)	506	233	(D)	(D)	(D)	(D)	(D)	(D)	3551
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	1,131	1,386	3552
(D)	(D)	(D)	(D)	870	352	-	-	(D)	(D)	736	1,069	3559
1,044	192	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3561
1,879	331	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3564
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3566
(D)	(D)	(D)	(D)	(D)	(D)	2,548	770	(D)	(D)	334	610	3567
324	70	(D)	(D)	745	170	-	-	(D)	(D)	-	-	

TABLE 3. Consumption of Steel Mill Shapes and Forms by Groups and Industries Within

Code	Division, State, industry group and industry ¹	Total		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
	MIDDLE ATLANTIC--Continued								
	Pennsylvania ⁵ --Continued								
	Machinery, except electrical--Continued								
3569	General industry machines, n.e.c.....	5,369	2,468	642	161	672	120	(D)	(D)
3585	Refrigeration machinery.....	60,236	12,347	(D)	(D)	28,430	5,449	(D)	(D)
3589	Service industry machines, n.e.c.....	1,489	693	(D)	(D)	(4)	(4)	(D)	(D)
3599	Miscellaneous machinery.....	15,073	6,738	6,825	1,597	1,600	272	915	180
36	Electrical machinery.....	505,865	107,390	29,971	5,168	279,330	50,756	57,620	6,104
3612	Transformers.....	117,398	27,470	3,196	482	(D)	(D)	(D)	(D)
3621	Motors and generators.....	25,774	6,081	2,789	479	9,975	1,738	(D)	(D)
3623	Electric welding apparatus.....	34,921	13,131	-	-	5,006	1,056	-	-
3642	Lighting fixtures.....	33,882	5,913	(D)	(D)	29,379	4,482	(D)	(D)
3644	Noncurrent carrying devices.....	125,320	23,038	(D)	(D)	57,711	7,652	-	-
3679	Electronic components, n.e.c.....	6,771	2,636	(D)	(D)	2,826	547	-	-
37	Transportation equipment.....	1,090,705	176,599	62,284	9,711	584,533	82,390	257,387	36,947
3713	Truck and bus bodies.....	21,383	3,554	1,738	325	14,976	2,473	2,244	366
3715	Truck trailers.....	48,435	12,878	896	170	(D)	(D)	3,121	429
3717	Motor vehicles and parts.....	560,453	82,024	8,739	1,785	496,782	67,658	(D)	(D)
3742	Railroad and street cars.....	366,732	57,255	41,522	6,061	24,359	3,497	188,438	27,023
3791	Trailer coaches.....	10,895	1,555	(D)	(D)	1,030	264	-	-
38	Instruments and related products.....	7,920	4,078	1,875	608	3,297	817	(D)	(D)
3821	Mechanical measuring devices.....	6,536	2,808	1,428	479	2,741	661	(D)	(D)
39	Miscellaneous manufacturing.....	39,730	9,860	(D)	(D)	(D)	(D)	-	-
	EAST NORTH CENTRAL.....	30,945,948	5,534,360	3,326,133	607,395	17,744,004	2,669,433	2,151,450	315,174
	Ohio ⁵	8,297,374	1,512,231	733,162	136,170	4,843,728	737,654	670,843	96,726
25	Furniture and fixtures.....	202,040	32,336	(D)	(D)	182,523	27,752	(D)	(D)
2514	Metal household furniture.....	51,796	7,992	(D)	(D)	48,104	7,394	-	-
2522	Metal office furniture.....	51,025	7,622	-	-	45,687	6,381	-	-
2531	Public building furniture.....	1,313	223	-	-	796	101	(D)	(D)
2542	Metal partitions and fixtures.....	88,233	13,998	-	-	86,526	13,494	-	-
30	Rubber and plastics products, n.e.c.....	26,175	10,060	-	-	-	-	-	-
33	Primary metal industries.....	317,815	70,392	136,903	23,828	-	-	-	-
34	Fabricated metal products.....	2,644,624	480,366	203,264	36,041	1,331,534	206,741	209,903	29,469
3423	Hand and edge tools.....	38,560	7,860	18,497	3,163	9,036	1,864	(D)	(D)
3429	Hardware, n.e.c.....	134,220	33,713	3,489	541	75,041	13,151	(D)	(D)
3433	Heating equipment, except electric....	87,603	14,263	2,406	253	79,234	12,408	3,191	182
3441	Fabricated structural steel.....	225,914	30,662	18,826	2,660	61,460	7,965	43,287	5,764
3442	Metal doors, sash, and trim.....	121,123	19,365	4,183	797	100,575	15,859	(4)	(4)
3443	Boiler shop products.....	138,984	31,985	3,445	608	35,897	5,117	58,415	8,887
3444	Sheet metalwork.....	151,813	25,735	1,726	314	115,878	19,326	27,801	4,043
3446	Architectural metalwork.....	18,957	3,418	3,654	621	7,607	1,219	822	140
3449	Miscellaneous metalwork, n.e.c.....	173,979	28,735	(D)	(D)	130,176	21,923	11,526	1,924
3451	Screw machine products.....	37,726	11,029	30,709	7,591	1,542	225	(D)	(D)
3452	Bolts, nuts, rivets, and washers.....	341,259	61,674	80,727	12,874	42,490	6,496	(D)	(D)
3461	Metal stampings.....	626,528	101,218	8,376	1,432	512,673	77,329	49,195	6,773
3481	Fabricated wire products, n.e.c.....	48,998	11,333	493	92	1,326	353	-	-
3491	Metal barrels, drums, and pails.....	107,817	16,075	(D)	(D)	105,645	15,199	-	-
3494	Valves and pipe fittings.....	24,699	8,154	9,594	2,259	(D)	(D)	(D)	(D)
3498	Fabricated pipe and fittings.....	40,727	7,579	(D)	(D)	(D)	(D)	(3)	(3)
3499	Fabricated metal products, n.e.c.....	37,827	7,995	4,344	737	17,520	2,995	4,521	619
35	Machinery, except electrical.....	1,026,498	240,662	177,328	34,949	235,319	40,162	221,304	34,175
3522	Farm machinery and equipment.....	124,977	20,936	29,092	5,668	52,681	9,056	4,627	735
3531	Construction machinery.....	159,706	27,410	28,989	5,104	11,114	1,823	72,752	10,593
3532	Mining machinery and equipment.....	21,792	6,713	2,824	448	1,055	157	5,521	799
3533	Oilfield machinery.....	5,440	835	3,798	546	-	-	(3)	(3)
3534	Elevators and moving stairways.....	9,375	2,022	1,844	347	1,229	211	1,401	266
3535	Conveyors.....	14,774	2,410	4,429	790	3,488	466	2,257	314
3536	Holsts, cranes, and monorails.....	57,456	9,644	4,135	782	(D)	(D)	21,830	3,334
3537	Industrial trucks and tractors.....	40,305	6,282	6,196	1,036	18,066	2,387	10,878	1,611
3541	Metal-cutting machine tools.....	29,167	7,151	10,014	2,596	2,436	408	5,962	991
3542	Metal-forming machine tools.....	15,081	3,020	2,065	478	(D)	(D)	11,954	1,873

See footnotes at end of table.

Metal Fabricating Establishments, by Selected Industry

State: 1963--Continued

Carbon steel--Continued						Alloy steel						Code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
(3)	(3)	(D)	(D)	(D)	(D)	117	94	(D)	(D)	947	1,337	3569
2,195	363	(D)	(D)	1,257	319	(D)	(D)	(D)	(D)	1,426	1,637	3585
(D)	(D)	-	-	(D)	(D)	-	-	-	-	411	539	3589
(D)	(D)	(D)	(D)	1,641	425	1,578	792	382	493	(D)	(D)	3599
(D)	(D)	21,017	3,538	77,792	18,069	(D)	(D)	21,914	11,918	7,100	9,550	36
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	114	117	3612
-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	266	493	3621
-	-	18,104	2,552	(D)	(D)	-	-	(D)	(D)	5,937	7,950	3623
(D)	(D)	651	203	857	575	(D)	(D)	(D)	(D)	(D)	(D)	3642
-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-	-	3644
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3,534	1,833	(D)	(D)	3679
91,897	13,201	16,339	5,685	58,713	16,111	9,434	5,390	5,930	2,393	4,188	4,771	37
2,375	374	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	3713
1,872	296	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3715
483	103	(D)	(D)	4,206	1,124	2,659	815	(D)	(D)	464	332	3717
73,439	10,516	(D)	(D)	36,868	8,511	-	-	(D)	(D)	(D)	(D)	3742
2,021	310	-	-	(D)	(D)	-	-	(D)	(D)	-	-	3791
566	151	(D)	(D)	871	378	(D)	(D)	(D)	(D)	922	2,004	38
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	708	1,203	3821
-	-	-	-	31,842	6,651	-	-	6,815	2,438	565	579	39
975,541	148,876	1,398,534	312,310	3,092,215	606,547	1,216,156	321,455	822,162	292,428	219,753	260,742	
244,708	36,650	488,439	96,589	721,377	140,582	248,362	77,195	278,891	105,283	67,864	85,382	
-	-	-	-	15,466	2,799	-	-	(D)	(D)	1,290	1,476	25
-	-	-	-	757	146	-	-	-	-	(D)	(D)	2514
-	-	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	2522
-	-	-	-	(D)	(D)	-	-	-	-	(D)	(D)	2531
-	-	-	-	1,168	200	-	-	-	-	539	304	2542
-	-	-	-	-	-	-	-	-	-	-	-	30
-	-	26,175	10,060	-	-	97,301	26,730	46,480	12,260	2,819	3,289	33
-	-	-	-	34,312	4,285	-	-	-	-	-	-	34
143,403	20,476	294,302	57,536	341,002	70,239	23,083	6,626	68,117	19,968	30,016	33,270	34
-	-	493	161	569	210	9,288	2,234	(D)	(D)	(D)	(D)	3423
-	-	(D)	(D)	4,266	976	(4)	(4)	(4)	(4)	(D)	(D)	3429
(D)	(D)	(D)	(D)	305	83	(3)	(3)	(D)	(D)	813	930	3433
83,580	11,839	1,266	263	16,092	1,819	(D)	(D)	-	-	(D)	(D)	3441
(D)	(D)	(D)	(D)	(D)	(D)	(4)	(4)	(D)	(D)	(D)	(D)	3442
1,940	318	(D)	(D)	19,005	5,396	(D)	(D)	(D)	(D)	1,785	2,504	3443
4,499	727	(D)	(D)	1,071	225	(D)	(D)	(D)	(D)	584	807	3444
2,661	587	(D)	(D)	3,529	637	-	-	(4)	(4)	(D)	(D)	3446
(D)	(D)	4,731	774	(D)	(D)	(D)	(D)	(4)	(4)	(D)	(D)	3449
-	-	(D)	(D)	383	130	3,600	1,259	(D)	(D)	1,394	1,738	3451
-	-	184,810	33,992	(D)	(D)	6,229	1,511	11,492	3,063	1,498	1,824	3452
(D)	(D)	(D)	(D)	30,414	5,525	1,390	764	5,282	1,115	5,156	6,058	3453
(D)	(D)	45,394	9,916	(D)	(D)	(D)	(D)	(D)	(D)	310	633	3454
-	-	(D)	(D)	(D)	(D)	-	-	-	-	471	599	3455
-	-	(D)	(D)	(D)	(D)	(3)	(3)	(D)	(D)	-	-	3456
-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3457
(D)	(D)	(D)	(D)	29,695	5,790	(D)	(D)	(D)	(D)	(D)	(D)	3458
715	128	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3459
74,004	12,090	5,686	2,273	87,373	19,224	81,933	29,406	134,788	55,270	8,763	13,113	35
1,543	246	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	95	122	3522
16,934	2,644	(D)	(D)	10,912	2,189	7,211	1,499	(D)	(D)	(D)	(D)	3531
1,365	197	(D)	(D)	783	163	(D)	(D)	(D)	(D)	(D)	(D)	3532
(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	3533
1,101	201	(D)	(D)	3,452	725	-	-	(D)	(D)	50	115	3534
3,632	553	-	-	722	127	-	-	(D)	(D)	(D)	(D)	3535
26,484	4,071	405	317	2,755	868	(D)	(D)	(D)	(D)	(D)	(D)	3536
2,803	561	-	-	2,060	424	-	-	(D)	(D)	(D)	(D)	3537
1,616	272	(D)	(D)	1,910	449	5,128	1,584	1,923	67	(D)	(D)	3541
271	60	(D)	(D)	(D)	(D)	396	220	(D)	(D)	(D)	(D)	3542

TABLE 3. Consumption of Steel Mill Shapes and Forms by Groups and Industries Within

Code	Division, State, industry group and industry ¹	Total		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
	EAST NORTH CENTRAL--Continued								
	Ohio--Continued								
35	Machinery, except electrical--Continued								
3544	Special dies and tools.....	34,746	11,198	8,334	2,695	2,958	548	11,440	2,457
3545	Machine tool accessories.....	5,917	6,117	1,610	497	(D)	(D)	(D)	(D)
3548	Metalworking machinery, n.e.c.....	62,297	12,150	9,012	1,568	2,060	412	31,600	4,730
3551	Food products machinery.....	10,367	2,654	2,338	618	3,175	715	2,183	318
3554	Paper industries machinery.....	2,907	1,069	803	177	-	-	1,265	266
3559	Special industry machines, n.e.c.....	38,939	9,154	8,742	1,939	3,428	605	18,347	2,823
3561	Pumps and compressors.....	17,343	3,834	2,988	598	6,830	1,133	2,712	380
3566	Power transmission equipment.....	27,059	4,606	2,971	698	21,808	3,184	(4)	(4)
3567	Industrial furnaces and ovens.....	20,178	7,466	(D)	(D)	6,741	1,157	5,233	710
3569	General industry machines, n.e.c.....	24,217	4,287	(D)	(D)	968	129	517	98
3585	Refrigeration machinery.....	41,400	8,901	(D)	(D)	33,440	6,166	(D)	(D)
3589	Service industry machines, n.e.c.....	7,050	3,373	(D)	(D)	1,788	324	(D)	(D)
3599	Miscellaneous machinery.....	43,898	8,095	13,912	2,105	9,119	1,512	3,123	637
36	Electrical machinery.....	1,022,073	172,515	94,385	18,857	674,479	105,842	33,239	4,088
3621	Motors and generators.....	187,718	33,952	25,387	4,878	153,087	26,123	3,387	571
3622	Industrial controls.....	2,376	835	(D)	(D)	(D)	(D)	-	-
3623	Electric welding apparatus.....	161,456	26,551	(D)	(D)	(D)	(D)	-	-
3642	Lighting fixtures.....	72,093	9,413	(D)	(D)	35,256	5,429	(D)	(D)
3643	Current carrying devices.....	3,426	1,249	(D)	(D)	1,864	433	-	-
3644	Noncurrent carrying devices.....	34,421	5,397	(D)	(D)	3,103	465	-	-
3694	Engine electrical equipment.....	48,324	9,776	42,586	8,361	(D)	(D)	-	-
37	Transportation equipment.....	3,014,308	488,860	115,302	21,471	2,414,165	356,077	205,299	28,730
3713	Truck and bus bodies.....	77,536	12,252	6,296	964	53,634	8,482	10,614	1,440
3717	Motor vehicles and parts.....	2,682,450	425,332	89,498	16,776	2,284,862	341,531	81,686	12,079
3722	Aircraft engines and parts.....	15,570	16,685	3,336	818	(D)	(D)	(D)	(D)
3729	Aircraft equipment, n.e.c.....	14,995	7,287	1,881	707	1,721	314	(D)	(D)
3799	Transportation equipment, n.e.c.....	13,221	1,922	(D)	(D)	9,184	1,205	(D)	(D)
38	Instruments and related products.....	7,806	3,243	(D)	(D)	3,354	621	(D)	(D)
39	Miscellaneous manufacturing.....	19,915	5,781	(D)	(D)	(D)	(D)	(D)	(D)
	Indiana ⁵	3,659,191	664,298	426,166	78,336	2,017,021	320,089	276,300	40,378
25	Furniture and fixtures.....	90,502	15,101	-	-	46,847	7,970	-	-
33	Primary metal industries.....	181,377	38,762	55,900	12,525	-	-	-	-
34	Fabricated metal products.....	1,044,770	185,387	80,833	14,305	446,798	70,963	126,647	17,995
3429	Hardware, n.e.c.....	52,102	9,153	16,359	2,833	34,007	5,693	-	-
3433	Heating equipment, except electric....	30,231	5,173	229	52	28,165	4,694	(D)	(D)
3441	Fabricated structural steel.....	278,488	42,628	8,708	1,283	40,979	5,574	64,097	9,196
3442	Metal doors, sash, and trim.....	4,802	881	(D)	(D)	4,200	592	(D)	(D)
3443	Boiler shop products.....	90,349	21,802	2,086	326	14,548	2,167	53,781	7,327
3444	Sheet metalwork.....	32,746	6,430	398	71	29,772	5,534	(D)	(D)
3451	Screw machine products.....	11,214	3,159	9,266	2,307	-	-	(D)	(D)
3452	Bolts, nuts, rivets, and washers.....	34,908	6,046	16,628	2,574	(D)	(D)	-	-
3461	Metal stampings.....	254,017	42,096	1,200	235	223,552	34,541	(D)	(D)
3481	Fabricated wire products.....	66,224	15,328	(D)	(D)	8,800	2,116	-	-
3493	Steel springs.....	15,308	1,037	(D)	(D)	(D)	(D)	-	-
3494	Valves and pipe fittings.....	2,386	910	(D)	(D)	(D)	(D)	-	-
35	Machinery, except electrical.....	312,511	72,623	71,644	13,794	105,239	17,959	(D)	(D)
3522	Farm machinery and equipment.....	71,566	11,561	26,872	4,393	28,261	4,199	6,152	937
3531	Construction machinery.....	28,707	4,832	6,650	1,129	3,289	483	(D)	(D)
3541	Metal-cutting machine tools.....	6,459	1,269	1,871	536	(D)	(D)	(D)	(D)
3542	Metal-forming machine tools.....	1,728	403	331	85	(D)	(D)	1,266	255
3544	Special dies and tools.....	9,240	4,149	3,341	1,331	1,637	270	2,669	795
3545	Machine tool accessories.....	718	275	385	101	-	-	(D)	(D)
3551	Food products machinery.....	2,082	1,083	769	243	415	86	(D)	(D)
3553	Woodworking machinery.....	1,206	426	686	203	(D)	(D)	(D)	(D)
3559	Special industry machines, n.e.c.....	12,672	2,281	2,718	461	(D)	(D)	(D)	(D)
3561	Pumps and compressors.....	8,206	1,743	2,225	412	839	115	1,794	287
3562	Ball and roller bearings.....	14,603	7,156	497	132	(D)	(D)	-	-
3566	Power transmission equipment.....	69,832	19,018	15,848	2,968	23,385	5,202	5,868	825
3585	Refrigeration machinery.....	27,049	6,288	(D)	(D)	23,943	4,121	(D)	(D)
3599	Miscellaneous machinery.....	21,444	4,964	3,484	870	5,850	681	1,311	205

See footnotes at end of table.

Metal Fabricating Establishments, by Selected Industry

State: 1963--Continued

Carbon steel--Continued						Alloy steel						Code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
979 (4)	302 (4)	(D)	(D)	1,935 (D)	751 (D)	7,444 (D)	3,311 (D)	1,387 (D)	869 (D)	(D)	(D)	35
4,133	688	(D)	(D)	5,084	685	1,357	1,767	(D)	(D)	(D)	(D)	3544
680	94	(D)	(D)	242	65 (3)	5,024 (3)	1,957 (3)	(D)	(D)	(D)	(D)	3545
-	-	-	-	191	63 (D)	(D)	(D)	(D)	(D)	(D)	(D)	3548
3,305	708	(D)	(D)	1,185	233	1,075	859	(D)	(D)	(D)	(D)	3551
845	132	-	-	(D)	(D)	2,590	796	(D)	(D)	(D)	(D)	3554
(3)	(3)	(D)	(D)	(D)	(D)	1,705	521	-	-	(D)	(D)	3559
3,277	478	-	-	1,531	293	-	-	(D)	(D)	2,373	4,615	3561
357	60	278	201	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3566
254	62	(D)	(D)	361	144	-	-	(D)	(D)	593	928	3567
(4)	(4)	-	-	(D)	(D)	-	-	(4)	(4)	1,734	1,871	3569
(D)	(D)	(D)	(D)	6,884	1,945	(D)	(D)	(D)	(D)	161	242	3585
(D)	(D)	147,474	24,174	58,407	10,199	325	187	(D)	(D)	4,512	5,769	36
-	-	(D)	(D)	3,227	912	-	-	(D)	(D)	651	637	3621
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	215	322	3622
(D)	(D)	139,061	20,708	4,407	752	-	-	(D)	(D)	(D)	(D)	3623
-	-	(D)	(D)	7,824	437	-	-	(D)	(D)	(D)	(D)	3624
-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3643
-	-	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	3644
-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(3)	(3)	3694
(D)	(D)	(D)	(D)	164,450	28,270	43,860	13,523	15,111	8,773	17,339	26,257	37
(D)	(D)	(D)	(D)	1,304	500	(4)	(D)	(D)	(D)	(D)	(D)	3713
(D)	(D)	(D)	(D)	150,062	25,287	37,926	8,749	13,572	7,988	10,606	10,713	3717
(D)	(D)	(D)	(D)	(D)	(D)	2,874	3,273	82	156	(D)	(D)	3722
(D)	(D)	(D)	(D)	(D)	(D)	2,831	1,397	641	413	1,638	3,197	3729
(D)	(D)	(D)	(D)	937	281	-	-	-	-	(D)	(D)	3799
502	126	(D)	(D)	(D)	(D)	(D)	(D)	239	114	867	949	38
-	-	(D)	(D)	16,521	4,228	(D)	(D)	(D)	(D)	(D)	(D)	39
175,588	25,045	114,765	25,451	347,506	68,944	171,524	40,662	105,915	39,995	24,406	25,398	
-	-	-	-	37,549	6,064	-	-	(D)	(D)	(D)	(D)	25
-	-	-	-	(D)	(D)	45,244	11,548	(D)	(D)	548	737	33
105,996	14,174	64,790	13,411	169,456	35,460	26,379	3,972	19,988	8,384	3,883	6,723	34
(4)	(4)	(D)	(D)	386	127	(D)	(D)	(D)	(D)	(D)	(D)	3429
102,061	13,495	(D)	(D)	720	151	-	-	(D)	(D)	(D)	(D)	3433
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3441
2,178	323	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3442
(D)	(D)	-	-	8,127	2,014	-	-	(D)	(D)	(D)	(D)	3443
-	-	-	-	(D)	(D)	-	-	(D)	(D)	182	244	3444
-	-	-	-	1,007	255	640	231	(D)	(D)	267	334	3451
(D)	(D)	16,562	2,879	-	-	1,412	348	-	-	(D)	(D)	3452
(D)	(D)	949	272	27,006	6,155	36	56	(4)	(4)	986	793	3461
(D)	(D)	41,308	9,351	(D)	(D)	(D)	(D)	658	473	181	303	3461
-	-	-	-	-	-	13,049	897	-	-	-	-	3462
-	-	-	-	(D)	(D)	914	284	(D)	(D)	207	240	3464
(D)	(D)	(D)	(D)	21,568	4,497	20,655	7,832	22,451	11,702	3,000	4,154	35
(D)	(D)	(D)	(D)	5,168	1,078	612	136	564	171	-	-	3522
(D)	(D)	(D)	(D)	1,106	210	1,118	274	(D)	(D)	(D)	(D)	3531
(D)	(D)	-	-	-	-	267	114	-	-	-	-	3541
(D)	(D)	-	-	-	-	(D)	(D)	-	-	(D)	(D)	3542
(D)	(D)	(D)	(D)	322	119	760	1,198	280	302	(D)	(D)	3543
-	-	-	-	(D)	(D)	33	84	(D)	(D)	(D)	(D)	3544
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	144	219	3545
-	-	-	-	(D)	(D)	-	-	(3)	(3)	(D)	(D)	3553
1,566	223	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3554
(D)	(D)	-	-	1,983	306	(D)	(D)	(D)	(D)	268	324	3555
(D)	(D)	(D)	(D)	(D)	(D)	5,962	2,857	4,856	2,826	-	-	3556
616	106	(D)	(D)	(D)	(D)	9,000	2,501	12,441	6,227	(D)	(D)	3558
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	3559
(D)	(D)	(D)	(D)	4,590	341	997	208	(D)	(D)	114	224	3599

TABLE 3. Consumption of Steel Mill Shapes and Forms by Groups and Industries Within

Code	Division, State, industry group and industry ¹	Total		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
	EAST NORTH CENTRAL--Continued								
	Indiana--Continued								
36	Electrical machinery.....	514,303	91,426	(D)	(D)	394,245	61,739	(D)	(D)
3621	Motors and generators.....	81,611	15,494	(D)	(D)	(D)	(D)	-	-
3679	Electronic components, n.e.c.....	4,160	2,346	(D)	(D)	410	119	-	-
37	Transportation equipment.....	1,483,820	253,787	140,028	24,127	1,006,173	159,212	94,364	13,250
3713	Truck and bus bodies.....	33,228	5,765	794	157	30,127	5,013	(D)	(D)
3717	Motor vehicles and parts.....	1,181,744	200,260	121,705	21,097	897,022	141,055	3,753	54.9
3742	Railroad and w'reet cars.....	181,530	26,916	11,254	1,644	40,680	6,283	76,930	10,828
3791	Trailer coaches.....	12,747	3,449	(D)	(D)	547	145	-	-
38	Instruments and related products.....	5,005	1,519	(D)	(D)	2,657	495	-	-
39	Miscellaneous manufacturing.....	10,614	1,757	-	-	(D)	(D)	-	-
	Illinois ²	6,733,554	1,232,753	833,709	148,418	2,996,222	460,766	559,358	81,117
25	Furniture and fixtures.....	197,384	32,852	-	-	156,385	24,275	-	-
2514	Metal household furniture.....	49,077	9,204	-	-	28,781	4,989	-	-
2522	Metal office furniture.....	40,774	5,836	-	-	40,627	5,781	-	-
2531	Public building furniture.....	5,585	1,135	-	-	3,672	573	-	-
2542	Metal partitions and fixtures.....	89,164	14,025	-	-	79,901	12,371	-	-
2599	Furniture and fixtures, n.e.c.....	5,531	902	-	-	953	159	-	-
33	Primary metal industries.....	279,619	50,890	124,629	20,863	-	-	-	-
3391	Iron and steel forgings.....	279,619	50,890	124,629	20,863	-	-	-	-
34	Fabricated metal products.....	2,812,462	547,042	211,912	38,453	815,683	134,373	150,988	21,461
3411	Metal cans.....	658,068	135,014	(D)	(D)	(D)	(D)	-	-
3423	Hand and edge tools.....	16,060	3,753	5,791	1,189	5,828	1,050	(D)	(D)
3429	Hardware, n.e.c.....	187,484	35,746	24,064	4,738	141,687	23,872	(D)	(D)
3431	Metal plumbing fixtures.....	5,198	4,114	(D)	(D)	(D)	(D)	-	-
3433	Heating equipment, except electric.....	46,842	7,571	1,155	219	32,771	4,849	(D)	(D)
3441	Fabricated structural steel.....	212,401	31,784	9,843	1,482	16,311	2,128	39,524	5,645
3442	Metal doors, sash, and trim.....	32,997	8,285	602	108	22,694	3,689	(D)	(D)
3443	Boiler shop products.....	114,542	19,730	3,611	587	23,612	3,365	66,008	9,246
3444	Sheet metalwork.....	61,287	13,076	7,595	1,269	43,331	7,413	309	52
3446	Architectural metalwork.....	5,761	1,134	2,051	398	938	155	1,051	206
3449	Miscellaneous metalwork, n.e.c.....	252,333	36,669	(D)	(D)	105,393	17,754	(D)	(D)
3451	Screw machine products.....	37,868	10,428	33,567	8,337	764	169	(D)	(D)
3452	Bolts, nuts, rivets, and washers.....	266,681	60,035	55,808	9,561	24,314	3,948	(D)	(D)
3461	Metal stampings.....	394,093	79,023	7,807	1,268	175,185	32,949	(D)	(D)
3481	Fabricated wire products, n.e.c.....	171,631	41,081	1,925	445	24,226	3,982	-	-
3491	Metal barrels, drums, and pails.....	167,761	24,004	(D)	(D)	131,019	18,066	-	-
3493	Steel springs.....	44,745	8,028	(D)	(D)	(D)	(D)	-	-
3494	Valves and pipe fittings.....	34,338	7,464	9,500	1,638	11,803	1,618	(D)	(D)
3499	Fabricated metal products, n.e.c.....	85,124	15,599	5,123	768	52,389	8,152	3,371	530
35	Machinery, except electrical.....	1,440,825	266,924	400,324	70,976	381,840	57,568	365,676	53,802
3519	Internal combustion engines.....	17,650	4,791	2,922	528	(D)	(D)	(D)	(D)
3522	Farm machinery and equipment.....	475,246	72,952	171,888	25,993	210,560	28,653	29,467	4,370
3531	Construction machinery.....	504,037	82,131	106,821	16,889	44,581	6,478	220,235	30,681
3535	Conveyors.....	28,706	5,155	4,840	803	11,668	1,718	(D)	(D)
3537	Industrial trucks and tractors.....	25,653	4,178	8,127	1,365	1,940	298	10,181	1,531
3541	Metal-cutting machine tools.....	8,628	2,921	4,797	1,501	670	159	1,445	288
3542	Metal-forming machine tools.....	72,173	12,420	11,103	2,980	732	196	56,846	8,144
3544	Special dies and tools.....	13,057	5,951	3,658	1,409	3,260	597	2,040	608
3545	Machine tool accessories.....	8,385	6,030	4,029	1,173	(D)	(D)	(D)	(D)
3548	Metalworking machines, n.e.c.....	6,205	2,061	1,674	406	1,440	251	298	77
3551	Food products machinery.....	15,345	5,399	4,789	1,611	4,227	687	1,850	304
3555	Printing trades machinery.....	12,053	3,230	(D)	(D)	1,130	219	512	123
3559	Special industry machines, n.e.c.....	15,729	3,595	4,972	998	1,593	295	5,161	980
3561	Pumps and compressors.....	22,202	4,519	5,084	895	9,815	1,790	2,853	531
3562	Ball and roller bearings.....	23,485	6,065	(D)	(D)	7,052	927	(D)	(D)
3564	Blowers and fans.....	14,465	2,799	1,334	337	10,461	1,654	161	50
3566	Power transmission equipment.....	34,101	8,334	10,997	2,348	(D)	(D)	1,241	189
3567	Industrial furnaces and ovens.....	4,924	1,891	-	-	3,153	529	790	119
3569	General industry machines, n.e.c.....	6,795	1,572	2,995	557	1,762	293	467	88
3576	Scales and balances.....	16,100	2,012	(D)	(D)	15,083	1,682	-	-
3579	Office machines, n.e.c.....	3,138	954	(D)	(D)	2,262	586	-	-
3581	Automatic vending machines.....	9,907	2,065	(D)	(D)	9,179	1,523	-	-
3582	Commercial laundry equipment.....	3,878	2,083	500	216	878	181	(D)	(D)

See footnotes at end of table.

Metal Fabricating Establishments, by Selected Industry
State: 1963--Continued

Carbon steel--Continued						Alloy steel						Code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
(D)	(D)	(D)	(D)	9,205	2,157	(D)	(D)	16,977	7,480	2,716	2,704	36
-	-	(D)	(D)	980	269	(D)	(D)	(³)	(³)	(D)	(D)	3621
-	-	-	-	499	395	(D)	(D)	2,941	1,685	(D)	(D)	3679
51,372	7,561	38,747	7,247	35,106	9,634	78,684	16,924	26,200	6,274	13,146	9,558	37
370	60	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	3713
4,783	671	38,446	7,078	24,938	7,481	75,129	15,656	6,993	1,742	8,975	4,931	3717
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	-	-	3742
7,290	1,279	-	-	(D)	(D)	-	-	4,531	1,761	-	-	3791
-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	38
-	-	-	-	(D)	(D)	-	-	-	-	(D)	(D)	39
270,944	40,515	378,735	90,557	1,262,119	248,665	155,154	44,874	234,810	63,427	42,503	54,414	
-	-	-	-	34,912	6,652	-	-	5,460	1,327	627	598	25
-	-	-	-	(D)	(D)	-	-	-	-	(D)	(D)	2514
-	-	-	-	(D)	(D)	-	-	-	-	(D)	(D)	2522
-	-	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	2531
-	-	-	-	3,775	746	-	-	(D)	(D)	(D)	(D)	2542
-	-	-	-	(D)	(D)	-	-	-	-	(D)	(D)	2599
-	-	-	-	(D)	(D)	49,476	11,540	25,298	5,423	(D)	(D)	33
-	-	-	-	(D)	(D)	49,476	11,540	25,298	5,423	(D)	(D)	3391
162,138	23,461	333,529	74,774	949,678	185,742	52,261	12,152	110,870	24,912	25,403	31,714	34
-	-	(D)	(D)	656,410	134,236	-	-	-	-	(D)	(D)	3411
-	-	(D)	(D)	217	107	3,763	1,196	(D)	(D)	(D)	(D)	3423
-	-	14,508	3,024	4,420	1,153	-	-	(D)	(D)	2,199	2,452	3429
-	-	-	-	-	-	(D)	(D)	-	-	3,723	3,948	3431
745	140	(D)	(D)	(D)	(D)	(D)	(D)	-	-	183	238	3433
126,135	18,334	4,321	782	14,372	2,823	(D)	(D)	(D)	(D)	112	171	3441
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,950	2,782	3442
12,357	1,806	(D)	(D)	5,880	1,876	(D)	(D)	(D)	(D)	1,809	2,606	3443
1,291	245	234	64	(D)	(D)	(D)	(D)	(D)	(D)	1,802	2,541	3444
1,243	252	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3449
564	80	5,896	1,114	87,247	10,046	-	-	-	-	(D)	(D)	3451
(D)	(D)	(D)	(D)	389	84	2,105	735	(D)	(D)	733	na..	3452
-	-	153,835	33,082	(D)	(D)	6,118	1,553	17,025	3,886	5,515	7,208	3452
(D)	(D)	7,234	1,300	116,683	23,613	(D)	(D)	(D)	(D)	3,130	3,850	3461
(D)	(D)	140,990	33,707	2,020	584	(D)	(D)	1,367	619	820	1,521	3481
-	-	(D)	(D)	31,280	4,896	-	-	-	-	(D)	(D)	3491
-	-	(D)	(D)	-	-	35,730	6,640	(D)	(D)	-	-	3493
(D)	(D)	-	-	(D)	(D)	773	408	(D)	(D)	1,424	2,106	3494
5,633	762	819	235	8,416	1,444	(D)	(D)	(D)	(D)	413	413	3499
84,475	13,598	12,917	3,683	106,419	24,771	46,470	18,272	33,623	11,532	9,081	12,722	35
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3519
23,114	3,404	7,916	1,567	24,841	6,115	(D)	(D)	(D)	(D)	1,111	1,111	3522
40,804	6,472	(D)	(D)	57,558	12,141	18,555	4,754	15,193	4,493	(D)	(D)	3531
2,898	456	(D)	(D)	2,654	562	-	-	181	106	(D)	(D)	3541
(D)	(D)	-	-	3,858	640	-	-	(D)	(D)	(D)	(D)	3541
534	186	(D)	(D)	246	118	543	231	(D)	(D)	(D)	(D)	3542
679	167	(D)	(D)	(D)	(D)	1,362	542	(D)	(D)	216	255	3542
(D)	(D)	(D)	(D)	975	354	2,567	2,395	297	288	91	217	3542
(D)	(D)	(D)	(D)	(D)	(D)	1,968	4,156	(D)	(D)	(D)	(D)	3542
(D)	(D)	(D)	(D)	(D)	(D)	1,896	859	(D)	(D)	(D)	(D)	3542
(D)	(D)	-	-	291	93	(D)	(D)	958	400	1,004	2,197	3542
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3542
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	138	212	3542
2,968	583	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	237	237	3542
2,439	446	-	-	1,176	255	(D)	(D)	(D)	(D)	186	170	3542
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3542
(D)	(D)	-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	3542
(D)	(D)	(D)	(D)	1,212	446	5,460	1,343	555	212	(D)	(D)	3542
(D)	(D)	-	-	(D)	(D)	(⁴)	(D)	(D)	(D)	113	113	3542
(D)	(D)	(D)	(D)	449	123	-	-	-	-	(D)	(D)	3542
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3542
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3542
(D)	(D)	-	-	(D)	(D)	-	-	-	-	(D)	(D)	3542
(D)	(D)	-	-	(D)	(D)	-	-	-	-	(D)	(D)	3542

TABLE 3. Consumption of Steel Mill Shapes and Forms by Groups and Industries Within

Code	Division, State, industry group and industry ¹	Total		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
	EAST NORTH CENTRAL--Continued								
	Illinois--Continued								
35	Machinery, except electrical--Continued								
3585	Refrigeration machinery.....	6,216	1,526	530	105	4,230	746	(D)	(D)
3589	Service industry machines, n.e.c.....	11,839	3,431	903	221	8,393	1,312	429	92
3599	Miscellaneous machinery.....	31,632	8,157	18,560	4,193	4,135	973	2,594	454
36	Electrical machinery.....	626,174	119,890	57,302	10,215	480,772	75,444	3,416	502
3613	Switchgear and switchboards.....	19,218	2,464	1,085	179	7,643	1,316	(D)	(D)
3621	Motors and generators.....	26,903	4,907	2,487	562	23,261	3,995	-	-
3622	Industrial controls.....	6,344	1,376	(D)	(D)	3,201	579	(D)	(D)
3631	Household cooking equipment.....	76,108	15,293	(D)	(D)	70,388	11,052	(D)	(D)
3634	Electric housewares and fans.....	17,748	3,799	(D)	(D)	15,102	2,523	-	-
3639	Household appliances, n.e.c.....	130,815	17,225	(D)	(D)	125,329	16,371	(D)	(D)
3642	Lighting fixtures.....	24,525	5,055	781	144	20,283	3,053	697	86
3643	Current carrying devices.....	1,210	558	(D)	(D)	714	153	-	-
3644	Noncurrent carrying devices.....	78,329	11,954	32,035	4,757	39,999	5,898	-	-
3651	Radio and TV receiving sets.....	22,817	5,075	(D)	(D)	18,120	4,180	-	-
3661	Telephone; telegraph apparatus.....	32,068	11,480	9,874	2,018	(D)	(D)	-	-
3662	Radio, TV communications equipment.....	1,258	352	(D)	(D)	813	159	-	-
3679	Electronic components, n.e.c.....	15,638	5,207	(D)	(D)	7,734	1,643	-	-
37	Transportation equipment.....	1,292,909	192,766	30,042	5,744	1,150,317	166,367	38,273	5,156
3713	Truck and bus bodies.....	18,782	2,848	1,729	274	13,792	2,017	824	131
3715	Truck trailers.....	4,722	828	(D)	(D)	(D)	(D)	(D)	(D)
3717	Motor vehicles and parts.....	1,176,225	173,462	22,354	4,230	1,099,904	159,039	5,944	926
3722	Aircraft engines and parts.....	591	590	(D)	(D)	(D)	(D)	-	-
3742	Railroad and street cars.....	12,322	1,678	(D)	(D)	7,750	1,028	(D)	(D)
38	Instruments and related products.....	25,314	9,142	(D)	(D)	(D)	(D)	(D)	(D)
3822	Automatic temperature controls.....	9,367	3,784	1,284	278	(D)	(D)	(D)	(D)
3861	Photographic equipment.....	2,253	923	(D)	(D)	-	-	-	-
39	Miscellaneous manufacturing.....	48,290	10,083	(D)	(D)	(D)	(D)	-	-
3949	Sporting and athletic goods.....	14,745	3,051	-	-	(D)	(D)	-	-
3999	Miscellaneous products, n.e.c.....	9,510	2,624	(D)	(D)	(D)	(D)	-	-
	Michigan ⁵	9,860,190	1,671,600	1,099,433	202,473	6,808,801	983,868	331,374	50,699
25	Furniture and fixtures.....	122,347	22,761	(D)	(D)	105,713	17,838	-	-
2531	Public building furniture.....	25,833	5,255	-	-	22,580	4,212	-	-
2542	Metal partitions and fixtures.....	30,350	4,896	(D)	(D)	23,592	3,495	-	-
32	Stone, clay, and glass products.....	4,106	512	-	-	-	-	-	-
33	Primary metal industries.....	349,365	60,757	137,193	21,661	-	-	-	-
3391	Iron and steel forgings.....	349,365	60,757	137,193	21,661	-	-	-	-
34	Fabricated metal products.....	1,883,662	359,898	253,976	49,771	954,823	148,121	83,964	12,080
3423	Hand and edge tools.....	4,171	1,117	(D)	(D)	624	154	-	-
3429	Hardware, n.e.c.....	187,955	40,303	6,392	1,265	163,875	27,989	(D)	(D)
3433	Heating equipment, except electric.....	14,129	2,324	(D)	(D)	10,854	1,663	978	153
3441	Fabricated structural steel.....	198,291	29,568	19,299	2,678	48,335	7,197	30,281	4,346
3442	Metal doors, sash, and trim.....	22,822	5,003	381	81	18,319	2,772	(D)	(D)
3443	Boiler shop products.....	50,587	8,008	2,580	433	16,435	2,124	24,009	3,479
3444	Sheet metalwork.....	68,688	11,946	409	77	60,048	9,406	(D)	(D)
3446	Architectural metalwork.....	13,939	2,053	1,795	308	(D)	(D)	(D)	(D)
3451	Screw machine products.....	111,164	27,018	99,715	23,488	(D)	(D)	-	-
3452	Bolts, nuts, rivets, and washers.....	212,353	42,604	37,627	7,245	9,448	1,571	(D)	(D)
3461	Metal stampings.....	615,099	104,962	65,408	10,620	485,152	71,126	21,234	3,033
3481	Fabricated wire products, n.e.c.....	169,411	42,577	3,094	537	37,666	7,628	-	-
3493	Steel springs.....	100,923	20,888	(D)	(D)	(D)	(D)	-	-
3494	Valves and pipe fittings.....	3,188	987	2,067	471	-	-	(4)	(4)
3498	Fabricated pipe and fittings.....	15,457	3,768	-	-	(D)	(D)	-	-
3499	Fabricated metal products, n.e.c.....	45,505	7,045	7,260	1,009	26,466	3,597	4,928	649
35	Machinery, except electrical.....	622,711	159,490	171,956	38,273	156,771	26,295	107,846	18,370
3519	Internal combustion engines.....	24,765	5,647	(D)	(D)	2,747	871	(4)	(4)
3522	Farm machinery and equipment.....	130,462	25,644	(D)	(D)	56,203	8,940	8,195	1,231
3531	Construction machinery.....	41,902	7,141	7,972	1,348	5,859	844	16,380	2,544
3535	Conveyors.....	45,808	6,851	8,788	1,377	9,833	1,347	6,337	927
3537	Industrial trucks and tractors.....	30,409	4,644	5,414	816	2,598	339	(D)	(D)

See footnotes at end of table.

Metal Fabricating Establishments, by Selected Industry

State: 1963--Continued

Carbon steel--Continued						Alloy steel						Code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
(D)	(D)	(D)	(D)	844	403	-	-	-	-	128	157	35
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	1,529	1,678	3585
568	112	70	93	3,743	898	1,058	488	244	97	660	849	3589
3,530	587	13,629	6,104	23,048	5,506	757	938	39,235	15,220	4,485	5,374	36
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	307	190	3613
-	-	170	70	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3621
-	-	-	-	(D)	(D)	-	-	(D)	(D)	79	99	3622
-	-	(D)	(D)	2,718	710	-	-	(D)	(D)	(D)	(D)	3631
-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3634
-	-	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3639
(D)	(D)	335	122	1,218	462	(D)	(D)	(D)	(D)	91	97	3642
-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3643
-	-	(D)	(D)	2,623	467	-	-	(D)	(D)	(D)	(D)	3644
-	-	-	-	(D)	(D)	-	-	26	105	(D)	(D)	3651
-	-	-	-	2,996	801	(D)	(D)	(D)	(D)	890	1,160	3661
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	74	109	3662
(D)	(D)	(D)	(D)	1,136	451	(D)	(D)	5,994	2,881	24	51	3679
20,213	2,742	13,596	2,808	16,116	2,791	5,862	1,730	17,502	3,725	988	1,703	37
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3713
1,370	216	-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-	3715
5,227	735	13,015	2,589	8,896	1,675	(D)	(D)	(D)	(D)	(D)	(D)	3717
-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	102	152	3722
2,156	271	(D)	(D)	(D)	(D)	-	-	-	-	-	-	3742
(D)	(D)	2,551	1,360	3,850	1,782	328	242	368	172	801	1,165	38
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	237	296	3822
-	-	-	-	1,985	698	-	-	(D)	(D)	(D)	(D)	3861
-	-	-	-	45,307	8,522	-	-	2,454	1,116	(D)	(D)	39
-	-	-	-	14,178	2,698	-	-	(D)	(D)	(D)	(D)	3949
-	-	-	-	7,360	1,470	-	-	1,715	839	(D)	(D)	3999
185,055	28,773	349,633	86,804	354,385	74,985	559,452	137,892	122,521	56,142	49,536	49,964	25
-	-	-	-	14,262	3,539	-	-	(D)	(D)	861	888	2531
-	-	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	2542
-	-	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	32
-	-	-	-	4,106	512	-	-	-	-	-	-	33
-	-	-	-	121,846	18,029	(D)	(D)	22,190	5,264	(D)	(D)	3391
-	-	-	-	121,846	18,029	(D)	(D)	22,190	5,264	(D)	(D)	34
110,753	16,469	280,945	67,322	81,350	16,017	69,802	14,953	21,148	9,255	26,901	25,910	3423
-	-	(D)	(D)	(D)	(D)	269	103	(D)	(D)	(D)	(D)	3429
(D)	(D)	7,065	2,167	(D)	(D)	(D)	(D)	328	116	(D)	(D)	3433
651	131	(D)	(D)	926	197	-	-	(D)	(D)	(D)	(D)	3441
91,116	13,404	(D)	(D)	1,011	156	(D)	(D)	(D)	(D)	1,357	1,410	3443
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	211	356	3446
3,074	491	170	51	4,056	1,044	(D)	(D)	(D)	(D)	(D)	(D)	3451
(D)	(D)	(D)	(D)	305	83	(D)	(D)	(D)	(D)	(D)	(D)	3452
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	3453
(D)	(D)	3,611	709	867	279	6,052	1,867	(D)	(D)	4,077	516	3454
(D)	(D)	124,571	24,404	(D)	(D)	19,520	4,286	7,552	2,028	(D)	(D)	3455
2,301	299	16,966	3,101	8,672	1,651	226	294	1,811	1,709	13,329	13,129	3456
(D)	(D)	120,396	31,781	5,774	935	-	-	(D)	(D)	378	651	3457
-	-	8,903	4,102	(D)	(D)	(D)	(D)	(D)	(D)	52	108	3458
-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3494
-	-	-	-	6,883	1,462	(D)	(D)	3,727	1,432	(D)	(D)	3498
3,409	444	(D)	(D)	2,448	556	(D)	(D)	(D)	(D)	144	178	3499
46,961	7,783	6,258	2,752	39,264	12,428	66,870	33,669	19,840	10,740	9,944	9,188	35
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3519
1,332	239	803	169	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3522
4,237	634	(D)	(D)	4,602	1,041	1,588	370	1,094	306	(D)	(D)	3531
16,947	2,612	(D)	(D)	3,690	539	(D)	(D)	(D)	(D)	(D)	(D)	3535
(D)	(D)	(D)	(D)	2,348	692	(D)	(D)	(D)	(D)	-	-	3537

TABLE 3. Consumption of Steel Mill Shapes and Forms by Groups and Industries Within

Code	Division, State, industry group and industry ¹	Total		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
	EAST NORTH CENTRAL--Continued								
	Michigan--Continued								
35	Machinery, except electrical--Continued								
3541	Metal-cutting machine tools.....	15,305	4,479	5,240	1,560	621	114	2,907	647
3542	Metal-forming machine tools.....	7,450	2,015	1,953	560	389	121	3,935	729
3544	Special dies and tools.....	84,273	28,432	33,808	10,421	11,916	1,922	25,736	5,566
3545	Machine tool accessories.....	14,089	15,136	5,734	1,835	(D)	(D)	500	139
3548	Metalworking machinery, n.e.c.....	2,326	524	1,300	320	(D)	(D)	(⁴)	(⁴)
3551	Food products machinery.....	11,571	3,166	3,002	667	1,989	321	(D)	(D)
3553	Woodworking machinery.....	2,663	521	1,440	296	(D)	(D)	732	105
3559	Special industry machines, n.e.c.....	15,808	3,565	5,300	1,094	915	154	3,901	608
3564	Blowers and fans.....	20,567	3,662	2,964	528	9,424	1,577	6,994	1,039
3566	Power transmission equipment.....	8,767	1,964	5,573	1,178	-	-	(D)	(D)
3567	Industrial furnaces and ovens.....	9,054	2,505	(D)	(D)	1,621	244	(D)	(D)
3569	General industry machines, n.e.c.....	8,809	1,585	1,964	428	1,927	290	2,306	370
3571	Computing and related machines.....	4,341	1,268	(D)	(D)	2,912	744	-	-
3585	Refrigeration machinery.....	30,037	6,237	(D)	(D)	24,336	4,170	-	-
3599	Miscellaneous machinery.....	38,318	14,971	12,975	3,071	12,509	2,458	(D)	(D)
36	Electrical machinery.....	305,325	51,892	40,035	11,047	236,709	30,718	(D)	(D)
3613	Switchgear and switchboards.....	5,119	760	(D)	(D)	5,043	738	(⁴)	(⁴)
3621	Motors and generators.....	35,509	7,352	(D)	(D)	25,820	4,738	-	-
3623	Electric welding apparatus.....	14,054	2,339	8,803	822	489	96	(D)	(D)
37	Transportation equipment.....	6,531,575	1,005,487	495,078	81,453	5,342,958	758,505	136,237	19,812
3713	Truck and bus bodies.....	4,053	728	408	86	2,283	418	(D)	(D)
3717	Motor vehicles and parts.....	6,445,544	980,950	468,830	76,098	5,331,030	750,762	(D)	(D)
3722	Aircraft engines and parts.....	8,911	3,670	(D)	(D)	3,497	797	(D)	(D)
3729	Aircraft equipment, n.e.c.....	1,539	1,409	402	190	(D)	(D)	-	-
3791	Trailer coaches.....	16,817	3,489	(D)	(D)	(D)	(D)	-	-
38	Instruments and related products.....	15,382	3,459	376	100	(D)	(D)	(D)	(D)
39	Miscellaneous manufacturing.....	10,175	2,850	-	-	(D)	(D)	-	-
	Wisconsin ⁵	2,395,639	453,478	233,663	41,998	1,078,232	167,056	313,575	46,254
25	Furniture and fixtures.....	26,493	4,267	-	-	18,992	2,846	-	-
2531	Public building furniture.....	20,330	3,206	-	-	(D)	(D)	-	-
33	Primary metal industries.....	145,056	31,300	(D)	(D)	-	-	-	-
3391	Iron and steel forgings.....	145,056	31,300	(D)	(D)	-	-	-	-
34	Fabricated metal products.....	801,318	163,936	27,063	6,264	319,433	51,707	52,232	8,369
3411	Metal cans.....	259,809	48,075	-	-	-	-	-	-
3429	Hardware, n.e.c.....	20,345	4,164	(D)	(D)	15,469	2,764	(D)	(D)
3433	Heating equipment, except electric.....	12,433	2,176	(D)	(D)	11,458	1,770	-	-
3441	Fabricated structural steel.....	76,630	15,662	4,073	1,043	2,479	882	12,925	2,733
3443	Boiler shop products.....	95,329	18,471	3,090	546	36,643	5,988	27,369	4,032
3446	Architectural metalwork.....	4,251	809	374	56	(D)	(D)	(D)	(D)
3451	Screw machine products.....	8,475	2,545	7,842	2,203	(⁴)	(⁴)	-	-
3461	Metal stampings.....	82,507	28,159	2,344	433	54,445	8,557	(D)	(D)
3481	Fabricated wire products, n.e.c.....	10,857	3,278	(D)	(D)	(D)	(D)	-	-
35	Machinery, except electrical.....	530,205	109,355	132,685	24,165	117,743	19,721	145,664	22,053
3519	Internal combustion engines.....	39,714	8,602	4,592	930	25,200	5,135	(D)	(D)
3522	Farm machinery and equipment.....	148,779	25,182	57,482	8,933	43,561	6,487	10,617	1,534
3531	Construction machinery.....	138,822	25,273	22,592	3,806	8,615	1,376	72,151	11,275
3535	Conveyors.....	6,678	1,366	1,423	295	949	168	(D)	(D)
3541	Metal-cutting machine tools.....	5,590	1,640	2,767	718	(D)	(D)	589	143
3544	Special dies and tools.....	11,115	2,684	1,900	525	511	92	(D)	(D)
3545	Machine tool accessories.....	799	339	418	137	-	-	-	-
3548	Metalworking machinery, n.e.c.....	4,134	1,151	3,116	668	210	74	(D)	(D)
3551	Food products machinery.....	8,131	2,181	1,466	280	3,372	494	1,772	274
3553	Woodworking machinery.....	1,910	849	1,094	370	(D)	(D)	(D)	(D)
3554	Paper industries machinery.....	17,068	8,794	4,253	828	(⁴)	(⁴)	7,610	1,249
3559	Special industry machines, n.e.c.....	3,157	1,037	490	184	750	166	721	177
3561	Pumps and compressors.....	7,879	1,765	2,644	640	1,041	220	(D)	(D)
3566	Power transmission equipment.....	30,769	6,658	11,332	2,341	(D)	(D)	(D)	(D)
3569	General industry machines, n.e.c.....	8,670	1,992	6,629	1,436	(D)	(D)	526	98
3585	Refrigeration machinery.....	35,762	6,638	(D)	(D)	20,015	3,106	(D)	(D)
3599	Miscellaneous machinery.....	7,542	1,546	3,348	764	(D)	(D)	887	176

See footnotes at end of table.

Metal Fabricating Establishments, by Selected Industry

State: 1963--Continued

Carbon steel--Continued						Alloy steel						Code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
493	201	(D)	(D)	1,629	570	4,084	1,026	(D)	(D)	(D)	(D)	35
(D)	(D)	-	-	(D)	(D)	392	330	119	128	(D)	(D)	3541
3,708	922	(D)	(D)	1,928	988	5,207	6,888	1,815	1,502	(D)	(D)	3542
-	-	(D)	(D)	1,536	619	5,666	11,312	566	1,143	(D)	(D)	3544
(4)	(4)	(D)	(D)	-	-	(4)	(4)	(D)	(D)	(D)	(D)	3545
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3548
(4)	(4)	(D)	(D)	(D)	(D)	(4)	(4)	(D)	(D)	874	883	3551
2,402	431	(D)	(D)	(D)	(D)	1,919	609	380	117	(D)	(D)	3553
659	104	(D)	(D)	(D)	(D)	(4)	(4)	-	-	(D)	(D)	3559
-	-	-	-	(D)	(D)	1,464	370	(D)	(D)	(D)	(D)	3564
1,001	197	(D)	(D)	(D)	(D)	(4)	(4)	(D)	(D)	(D)	(D)	3566
2,099	314	-	-	(D)	(D)	(D)	(D)	-	-	131	257	3567
-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3569
(4)	(4)	(D)	(D)	1,125	681	-	-	(D)	(D)	(D)	(D)	3571
(D)	(D)	(D)	(D)	2,733	761	2,100	762	624	208	(D)	(D)	3585
-	-	-	-	-	-	-	-	2,328	1,599	(D)	(D)	3599
(D)	(D)	4,487	1,423	17,187	5,416	(D)	(D)	3,406	1,766	864	899	36
(4)	(4)	-	-	(D)	(D)	-	-	-	-	(D)	(D)	3613
-	-	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	3621
(D)	(D)	902	646	(D)	(D)	(4)	(4)	(D)	(D)	(D)	(D)	3623
24,951	3,957	(D)	(D)	68,535	17,466	(D)	(D)	(D)	(D)	12,228	11,219	37
263	53	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	3713
(D)	(D)	(D)	(D)	66,662	16,923	(D)	(D)	(D)	(D)	10,587	8,978	3717
(4)	(4)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,254	1,509	3722
-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	273	555	3729
12,750	2,045	-	-	-	-	-	-	(D)	(D)	-	-	3791
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	423	547	38
-	-	-	-	7,717	1,529	-	-	(D)	(D)	701	634	39
99,246	17,893	66,962	12,909	406,828	73,371	81,664	20,832	80,025	27,581	35,444	45,584	25
-	-	-	-	7,384	1,373	-	-	(D)	(D)	(D)	(D)	2531
-	-	-	-	5,185	949	-	-	(D)	(D)	-	-	33
-	-	-	-	51,609	5,121	26,667	6,601	31,760	13,287	(D)	(D)	3391
-	-	-	-	51,609	5,121	26,667	6,601	31,760	13,287	(D)	(D)	34
55,219	10,707	(D)	(D)	289,381	53,751	(D)	(D)	17,703	4,197	19,553	23,735	3411
-	-	-	-	259,809	48,075	-	-	-	-	-	-	3429
-	-	885	208	(D)	(D)	-	-	-	-	(D)	(D)	3433
-	-	-	-	(D)	(D)	(4)	(4)	-	-	(D)	(D)	3441
46,080	9,381	(D)	(D)	9,545	1,241	(4)	(4)	(D)	(D)	(D)	(D)	3443
5,337	657	-	-	(D)	(D)	(D)	(D)	(D)	(D)	2,695	3,465	3446
485	81	(D)	(D)	(D)	(D)	(4)	(4)	(4)	(4)	(4)	(4)	3451
-	-	(D)	(D)	(D)	(D)	154	57	-	-	163	212	3461
-	-	(D)	(D)	(D)	(D)	(4)	(4)	(4)	(4)	13,737	10,717	3461
-	-	2,722	620	7,961	1,616	(4)	(4)	-	-	(D)	(D)	3481
-	-	8,580	2,046	(D)	(D)	(4)	(4)	-	-	-	-	3481
30,451	5,137	2,995	1,045	36,096	7,551	34,637	8,419	19,613	6,154	10,321	15,110	3519
601	97	-	-	(D)	(D)	1,529	450	(D)	(D)	671	673	3519
5,584	858	1,272	248	13,348	2,572	(D)	(D)	(D)	(D)	(D)	(D)	3522
13,173	2,016	1,041	556	3,982	1,310	7,021	1,443	10,247	3,491	-	-	3531
1,324	269	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	3535
(D)	(D)	(D)	(D)	(D)	(D)	1,235	385	(4)	(4)	(4)	(4)	3541
(D)	(D)	-	-	366	133	761	812	(4)	(4)	(D)	(D)	3545
(4)	(4)	-	-	218	70	(D)	(D)	(3)	(3)	-	-	3545
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(4)	(4)	-	-	3545
(D)	(D)	-	-	(D)	(D)	(4)	(4)	(4)	(4)	892	1,006	3553
(4)	(4)	-	-	(D)	(D)	-	-	(D)	(D)	-	-	3553
(4)	(4)	-	-	(D)	(D)	-	-	(D)	(D)	-	-	3559
335	64	(D)	(D)	204	97	(D)	(D)	(D)	(D)	73	73	3561
-	-	-	-	795	222	(D)	(D)	(D)	(D)	(D)	(D)	3566
(4)	(4)	-	-	(D)	(D)	7,389	1,931	(D)	(D)	(D)	(D)	3566
283	63	-	-	(D)	(D)	(D)	(D)	(4)	(4)	(D)	(D)	3566
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	1,120	1,000	3566
495	97	(D)	(D)	1,680	258	757	89	(D)	(D)	70	86	3566

TABLE 3. Consumption of Steel Mill Shapes and Forms by Groups and Industries Within

Code	Division, State, industry group and industry ¹	Total		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
	EAST NORTH CENTRAL--Continued								
	Wisconsin--Continued								
36	Electrical machinery.....	195,831	39,278	16,512	3,247	109,658	19,422	(D)	(D)
3612	Transformers.....	9,191	2,683	(D)	(D)	(D)	(D)	(D)	(D)
3621	Motors and generators.....	30,774	7,611	6,651	1,352	16,020	3,731	(D)	(D)
3622	Industrial controls.....	16,995	4,441	1,265	289	12,552	2,222	(D)	(D)
3634	Electric housewares and fans.....	4,553	1,071	(D)	(D)	2,951	521	-	-
3679	Electronic components, n.e.c.....	1,320	619	(D)	(D)	(D)	(D)	-	-
37	Transportation equipment.....	673,931	99,899	23,297	3,731	(D)	(D)	106,531	14,147
3799	Transportation equipment, n.e.c.....	2,997	457	(D)	(D)	(D)	(D)	(D)	(D)
38	Instruments and related products.....	8,848	1,906	(D)	(D)	(D)	(D)	-	-
39	Miscellaneous manufacturing.....	7,174	1,703	-	-	-	-	-	-
3949	Sporting and athletic goods.....	2,913	607	-	-	-	-	-	-
	WEST NORTH CENTRAL.....	3,047,335	571,507	388,265	67,909	1,041,782	177,850	405,369	59,580
	Minnesota ²	616,543	122,215	84,841	14,374	185,477	32,849	54,793	8,764
25	Furniture and fixtures.....	9,843	1,734	(D)	(D)	6,318	962	-	-
34	Fabricated metal products.....	330,105	61,798	17,902	3,016	63,952	11,371	19,069	2,829
3411	Metal cans.....	131,570	27,079	-	-	(D)	(D)	-	-
3433	Heating equipment, except electric.....	3,362	628	(D)	(D)	2,711	408	(D)	(D)
3441	Fabricated structural steel.....	62,307	8,326	2,721	407	1,040	170	(D)	(D)
3443	Boiler shop products.....	15,000	2,353	(D)	(D)	4,287	605	(D)	(D)
3444	Sheet metalwork.....	21,275	4,515	(D)	(D)	20,437	4,272	(D)	(D)
3446	Architectural metalwork.....	2,529	553	549	118	(D)	(D)	(D)	(D)
3449	Miscellaneous metalwork, n.e.c.....	24,976	3,715	(D)	(D)	2,037	387	(D)	(D)
3451	Screw machine products.....	2,420	708	2,134	391	-	-	-	-
3461	Metal stampings.....	13,872	2,934	437	97	10,411	1,858	342	52
3481	Fabricated wire products, n.e.c.....	10,385	2,234	-	-	(D)	(D)	-	-
3499	Fabricated metal products, n.e.c.....	14,255	2,515	1,113	227	9,412	1,473	(D)	(D)
35	Machinery except electrical.....	182,970	36,783	61,699	10,295	53,298	9,228	29,559	5,099
3522	Farm machinery and equipment.....	39,042	7,417	9,605	1,768	16,463	2,862	(D)	(D)
3531	Construction machinery.....	75,016	11,212	(D)	(D)	2,338	394	22,221	3,575
3535	Conveyors.....	4,092	817	813	166	1,926	355	(D)	(D)
3542	Metal-forming machine tools.....	1,209	247	650	128	(D)	(D)	(D)	(D)
3544	Special dies and tools.....	972	344	171	84	(D)	(D)	(D)	(D)
3551	Food products machinery.....	813	413	(D)	(D)	(D)	(D)	(D)	(D)
3553	Woodworking machinery.....	2,460	532	612	188	(D)	(D)	818	126
3569	General industry machines, n.e.c.....	3,052	760	721	195	582	98	537	124
3582	Commercial laundry equipment.....	2,969	904	507	138	(D)	(D)	(D)	(D)
3585	Refrigeration machinery.....	11,836	3,483	(D)	(D)	9,781	1,716	(D)	(D)
3599	Miscellaneous machinery.....	11,565	2,271	1,666	409	8,120	1,274	467	104
36	Electrical machinery.....	48,503	10,989	2,837	568	38,945	7,213	(D)	(D)
3662	Radio, TV communications equipment.....	689	163	(D)	(D)	487	88	-	-
37	Transportation equipment.....	12,765	2,652	1,021	212	7,020	1,188	(D)	(D)
3713	Truck and bus bodies.....	1,906	286	(D)	(D)	662	110	(D)	(D)
39	Miscellaneous manufacturing.....	14,200	2,517	(D)	(D)	(D)	(D)	-	-
	Iowa ²	724,423	123,069	164,095	27,293	280,768	45,220	97,166	14,114
25	Furniture and fixtures.....	12,305	2,013	-	-	3,161	526	-	-
34	Fabricated metal products.....	175,934	28,647	11,915	1,937	45,839	7,537	32,751	4,822
3429	Hardware, n.e.c.....	8,710	1,428	(D)	(D)	4,600	766	(D)	(D)
3441	Fabricated structural steel.....	65,526	9,962	4,976	693	(D)	(D)	(D)	(D)
3443	Boiler shop products.....	39,922	5,921	595	100	1,299	219	(D)	(D)
3444	Sheet metalwork.....	7,953	1,478	-	-	7,665	1,382	-	-
3461	Metal stampings.....	16,223	2,634	(D)	(D)	15,067	2,442	(D)	(D)
3481	Fabricated wire products, n.e.c.....	16,412	3,231	(D)	(D)	(D)	(D)	-	-
3499	Fabricated metal products, n.e.c.....	3,756	675	(D)	(D)	2,992	518	-	-

See footnotes at end of table.

Metal Fabricating Establishments, by Selected Industry
State: 1963--Continued

Carbon steel--Continued						Alloy steel						Code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
3,338	528	(D)	(D)	4,505	1,893	(D)	(D)	7,995	3,157	2,839	3,381	36
2,334	338	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3612
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3621
-	-	-	-	435	137	-	-	(D)	(D)	916	1,315	3622
-	-	(D)	(D)	-	-	-	-	-	-	(D)	(D)	3634
-	-	(D)	(D)	(D)	(D)	-	-	564	341	(D)	(D)	3679
10,238	1,521	(D)	(D)	9,558	1,950	(D)	(D)	1,917	519	711	849	37
714	116	-	-	388	94	-	-	-	-	-	-	3799
-	-	-	-	(D)	(D)	-	-	(D)	(D)	229	374	38
-	-	-	-	6,173	1,393	-	-	(D)	(D)	(D)	(D)	39
-	-	-	-	1,985	341	-	-	(D)	(D)	(D)	(D)	3949
313,489	48,566	129,143	31,604	657,922	125,659	31,611	9,472	54,977	20,129	24,777	30,738	
54,182	7,921	18,988	4,453	199,711	39,117	6,792	3,102	3,709	1,345	8,050	10,290	
-	-	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	25
35,883	5,144	15,794	3,154	173,027	33,041	2,239	425	499	143	1,740	2,675	34
-	-	(D)	(D)	131,497	27,067	-	-	-	-	-	-	3411
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3433
32,920	4,635	(D)	(D)	17,916	1,998	-	-	-	-	-	-	3441
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	100	170	3443
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	3444
440	79	-	-	861	223	-	-	-	-	(D)	(D)	3446
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	3449
-	-	-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	3451
(D)	(D)	502	95	1,564	287	(D)	(D)	(D)	(D)	456	467	3461
-	-	9,917	2,079	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3481
400	68	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3499
17,423	2,650	1,918	514	9,075	2,168	3,998	2,422	2,771	900	3,229	3,507	35
1,311	215	689	140	5,810	1,059	(D)	(D)	(D)	(D)	(D)	(D)	3522
(D)	(D)	(D)	(D)	944	340	591	227	(D)	(D)	(D)	(D)	3531
(D)	(D)	-	-	(D)	(D)	-	-	-	-	(D)	(D)	3535
-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(4)	(4)	3542
(4)	(4)	-	-	(D)	(D)	(4)	(4)	(D)	(D)	(D)	(D)	3544
(4)	(4)	-	-	(D)	(D)	-	-	(4)	(4)	211	293	3551
(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	-	-	3553
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(4)	(4)	3569
(D)	(D)	-	-	(D)	(D)	-	-	-	-	(D)	(D)	3582
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	1,903	1,736	3585
-	-	-	-	-	-	(D)	(D)	(D)	(D)	157	202	3589
813	171	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	36
-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3611
-	-	-	-	(D)	(D)	-	-	-	-	-	-	37
876	127	(D)	(D)	(D)	(D)	520	227	(D)	(D)	-	-	3713
481	70	(D)	(D)	-	-	-	-	-	-	-	-	
-	-	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	
-	-	-	-	-	-	-	-	-	-	-	-	
55,885	9,169	30,432	7,436	67,103	12,048	11,089	2,333	15,778	2,984	7,107	2,472	
-	-	-	-	(D)	(D)	-	-	(D)	(D)	-	-	38
-	-	-	-	-	-	-	-	-	-	-	-	39
31,872	4,552	15,731	2,984	33,175	5,778	(D)	(D)	2,782	464	(D)	(D)	3441
-	-	312	81	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3443
19,772	2,824	(D)	(D)	(D)	(D)	(D)	(4)	-	-	(D)	(D)	3444
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	3461
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	3481
(D)	(D)	-	-	(D)	(D)	-	-	-	-	(4)	(4)	3499
-	-	12,341	2,338	(D)	(D)	-	-	-	-	-	-	
-	-	(D)	(D)	(D)	(D)	-	-	-	-	-	-	

TABLE 3. Consumption of Steel Mill Shapes and Forms by Groups and Industries Within

Code	Division, State, industry group and industry ¹	Total		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
	WEST NORTH CENTRAL--Continued								
	Iowa--Continued								
35	Machinery, except electrical.....	398,202	66,603	119,891	19,518	156,628	24,609	62,757	9,026
3522	Farm machinery and equipment.....	269,300	43,023	100,017	15,668	117,366	18,405	18,405	18,823
3531	Construction machinery.....	68,256	11,159	11,742	2,124	7,732	1,186	34,302	4,716
3535	Conveyors.....	2,297	393	(D)	(D)	1,159	186	(⁴)	(⁴)
3536	Hoists, cranes, and monorails.....	7,782	1,248	1,388	237	609	120	(D)	(D)
3544	Special dies and tools.....	523	259	(D)	(D)	-	-	194	59
3548	Metalworking machinery, n.e.c.....	1,100	330	544	128	(D)	(D)	-	-
3551	Food products machinery.....	3,238	1,911	(D)	(D)	(D)	(D)	858	146
3559	Special industry machines, n.e.c.....	3,313	639	589	119	(D)	(D)	2,204	349
3599	Miscellaneous machinery.....	2,416	485	742	191	708	72	(D)	(D)
36	Electrical machinery.....	80,448	13,374	13,549	2,546	62,725	10,305	-	-
37	Transportation equipment.....	35,635	7,768	8,705	1,671	8,767	1,659	(D)	(D)
3799	Transportation equipment, n.e.c.....	10,740	1,739	2,506	463	3,858	642	(D)	(D)
	Missouri ⁵	1,117,848	218,605	86,185	16,757	380,013	65,616	173,362	24,689
25	Furniture and fixtures.....	19,962	3,654	-	-	13,137	2,207	-	-
2514	Metal household furniture.....	4,411	864	-	-	(D)	(D)	-	-
2515	Mattresses and bedsprings.....	5,092	890	-	-	(D)	(D)	-	-
2599	Furniture and fixtures, n.e.c.....	2,180	421	-	-	(D)	(D)	-	-
34	Fabricated metal products.....	584,510	111,914	23,321	3,949	134,243	22,167	76,347	10,369
3429	Hardware, n.e.c.....	12,217	2,145	(D)	(D)	9,895	1,539	-	-
3441	Fabricated structural steel.....	89,386	12,480	6,232	858	1,700	248	32,766	4,194
3443	Boiler shop products.....	55,067	10,135	1,759	252	8,148	1,081	37,762	5,323
3444	Sheet metalwork.....	50,000	10,558	1,933	338	39,648	7,183	(D)	(D)
3451	Screw machine products.....	5,020	1,466	3,918	913	(D)	(D)	(D)	(D)
3452	Bolts, nuts, rivets, and washers.....	9,226	1,638	(D)	(D)	-	-	-	-
3461	Metal stampings.....	38,743	7,396	876	140	18,042	2,982	594	90
3481	Fabricated wire products, n.e.c.....	46,148	12,607	2,396	453	2,339	385	-	-
3499	Fabricated metal products, n.e.c.....	9,767	2,186	354	98	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	112,603	28,466	21,454	4,608	58,835	10,541	9,906	1,840
3522	Farm machinery and equipment.....	20,405	4,436	3,455	701	10,095	1,661	929	146
3531	Construction machinery.....	7,962	1,518	531	113	731	122	4,626	858
3535	Conveyors.....	5,889	974	1,242	202	1,829	253	(D)	(D)
3544	Special dies and tools.....	2,464	865	475	186	1,553	279	(⁴)	(⁴)
3551	Food products machinery.....	2,525	1,183	379	79	912	155	(D)	(D)
3585	Refrigeration machinery.....	21,279	6,604	(D)	(D)	(D)	(D)	(D)	(D)
3589	Service industry machines, n.e.c.....	2,357	1,392	(D)	(D)	943	194	(D)	(D)
3599	Miscellaneous machinery.....	7,106	2,404	2,495	741	(D)	(D)	604	154
36	Electrical machinery.....	173,816	36,986	14,315	3,062	141,063	25,100	(D)	(D)
3613	Switchgear and switchboards.....	3,807	604	-	-	3,807	604	-	-
3621	Motors and generators.....	74,028	12,293	3,694	795	69,961	11,364	(D)	(D)
3642	Lighting fixtures.....	10,816	2,135	(D)	(D)	9,799	1,908	(D)	(D)
37	Transportation equipment.....	220,077	35,505	25,820	4,756	29,219	4,899	(D)	(D)
3713	Truck and bus bodies.....	16,604	2,876	2,244	410	4,301	695	(D)	(D)
3717	Motor vehicles and parts.....	32,101	5,826	9,537	2,070	(D)	(D)	(⁴)	(⁴)
38	Instruments and related products.....	2,124	987	(D)	(D)	(D)	(D)	-	-
	North Dakota.....	20,311	3,483	1,779	297	4,751	747	2,657	390
35	Machinery, except electrical.....	8,636	1,742	1,051	192	3,532	564	(D)	(D)
3522	Farm machinery and equipment.....	6,784	1,354	810	143	3,238	513	(D)	(D)
	South Dakota.....	34,063	5,559	3,560	582	9,850	1,816	4,887	742
34	Fabricated metal products.....	26,858	4,133	1,688	255	8,208	1,553	(D)	(D)
3443	Boiler shop products.....	1,969	340	-	-	1,258	221	(D)	(D)
35	Machinery, except electrical.....	6,237	1,241	1,872	327	1,642	263	(D)	(D)
	Nebraska.....	274,254	50,517	21,275	3,752	101,618	17,185	23,268	3,470
34	Fabricated metal products.....	209,792	36,187	9,839	1,534	66,387	11,147	20,505	3,054
3441	Fabricated structural steel.....	43,992	7,038	(D)	(D)	(D)	(D)	6,028	994
3444	Sheet metalwork.....	26,731	4,934	(D)	(D)	17,556	3,251	(D)	(D)
3449	Miscellaneous metalwork, n.e.c.....	49,065	7,637	(D)	(D)	(D)	(D)	(D)	(D)

See Footnotes at end of table.

Metal Fabricating Establishments, by Selected Industry

State: 1963--Continued

Carbon steel--Continued						Alloy steel						Code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
(D)	(D)	4,212	1,369	21,865	4,598	9,002	1,902	(D)	(D)	1,686	1,978	35
(D)	(D)	(D)	(D)	17,693	3,537	(D)	(D)	(D)	(D)	(D)	(D)	3522
(D)	(D)	(D)	(D)	1,360	242	2,769	726	(D)	(D)	(D)	(D)	3531
(4)	(4)	-	-	(D)	(D)	-	-	(4)	(4)	(4)	(4)	3535
(D)	(D)	(D)	(D)	(D)	(D)	(4)	(4)	-	-	-	-	3536
(4)	(4)	-	-	(D)	(D)	54	92	(4)	(4)	-	-	3544
(4)	(4)	(D)	(D)	(D)	(D)	(D)	(D)	(4)	(4)	(D)	(D)	3548
(4)	(4)	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3551
(D)	(D)	-	-	-	-	-	-	-	-	(D)	(D)	3559
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(4)	(4)	(D)	(D)	3599
(D)	(D)	(D)	(D)	3,238	203	-	-	(D)	(D)	(D)	(D)	36
(D)	(D)	(D)	(D)	4,931	794	(D)	(D)	(D)	(D)	(D)	(D)	37
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	3799
128,993	19,561	54,223	14,236	256,823	50,874	9,552	2,440	16,396	9,296	12,301	15,131	
-	-	-	-	6,403	1,305	-	-	(D)	(D)	(D)	(D)	25
-	-	-	-	1,963	359	-	-	-	-	(D)	(D)	2514
-	-	-	-	1,610	323	-	-	(D)	(D)	(D)	(D)	2515
-	-	-	-	1,180	257	-	-	(D)	(D)	-	-	2599
61,392	9,032	48,596	12,047	229,811	45,206	3,013	657	1,537	810	6,250	7,677	34
-	-	1,346	299	(D)	(D)	-	-	-	-	(D)	(D)	3429
44,348	6,504	(D)	(D)	3,937	558	-	-	-	-	(D)	(D)	3441
3,907	547	-	-	(D)	(D)	(4)	(4)	(D)	(D)	(D)	(D)	3442
1,621	247	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3444
-	-	(D)	(D)	(D)	(D)	278	79	(D)	(D)	243	295	3451
(D)	(D)	6,256	1,154	-	-	(D)	(D)	-	-	(D)	(D)	3462
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	505	549	3461
(D)	(D)	39,486	10,273	(D)	(D)	(4)	(4)	-	-	(D)	(D)	3481
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3499
(D)	(D)	3,550	1,340	5,399	1,637	(D)	(D)	1,502	1,335	4,482	5,082	35
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3522
(D)	(D)	-	-	371	109	(D)	(D)	(D)	(D)	(D)	(D)	3531
(D)	(D)	(D)	(D)	1,940	343	-	-	-	-	(D)	(D)	3535
(4)	(4)	(D)	(D)	(D)	(D)	(D)	(D)	(4)	(4)	-	-	3536
(D)	(D)	-	-	(D)	(D)	-	-	-	-	-	-	3544
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,123	2,346	3548
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	1,119	1,132	3589
(4)	(4)	1,336	856	-	-	(4)	(4)	(D)	(D)	147	224	3599
(D)	(D)	(D)	(D)	2,760	566	-	-	(D)	(D)	471	565	36
-	-	-	-	-	-	-	-	-	-	-	-	3613
-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3621
-	-	(4)	(4)	(D)	(D)	-	-	-	-	-	-	3622
61,000	9,020	(D)	(D)	10,704	1,870	(D)	(D)	608	197	-	1,211	37
575	93	(D)	(D)	(D)	(D)	-	-	-	-	(4)	(4)	3799
(D)	(D)	(D)	(D)	1,860	283	(D)	(D)	(D)	(D)	(D)	(D)	38
-	-	-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	39
(D)	(D)	(D)	(D)	7,116	1,249	(D)	(D)	(D)	(D)	-	-	40
(D)	(D)	(D)	(D)	2,330	526	(D)	(D)	(D)	(D)	-	-	41
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	42
(D)	(D)	(D)	(D)	9,622	1,373	(D)	(D)	(D)	(D)	(D)	(D)	43
(D)	(D)	(D)	(D)	8,548	1,096	-	-	-	-	-	-	44
-	-	-	-	(D)	(D)	-	-	-	-	-	-	45
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	46
(D)	(D)	-	-	-	-	-	-	-	-	-	-	47
23,973	3,968	12,725	2,020	76,386	14,289	1,791	480	12,661	-	(D)	(D)	48
21,305	3,483	12,078	1,764	72,400	13,291	1,008	238	(D)	(D)	(D)	(D)	49
19,395	3,175	(D)	10,005	1,525	(D)	(D)	(D)	(D)	(D)	-	-	50
(D)	(D)	(D)	(D)	304	61	(D)	(D)	-	-	-	-	51
(D)	(D)	(D)	(D)	14,810	1,610	(D)	(D)	(D)	(D)	-	-	52

TABLE 3. Consumption of Steel Mill Shapes and Forms by Groups and Industries Within

Code	Division, State, industry group and industry ¹	Total		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
	WEST NORTH CENTRAL--Continued								
	Nebraska--Continued								
35	Machinery, except electrical.....	20,798	3,982	5,294	997	6,498	981	2,531	377
3522	Farm machinery and equipment.....	12,828	2,145	3,962	684	5,830	853	(D)	(D)
3531	Construction machinery.....	5,368	837	730	122	(D)	(D)	1,801	257
37	Transportation equipment.....	25,551	6,505	5,691	1,102	16,872	3,181	(D)	(D)
	Kansas ⁵	259,893	48,059	26,530	4,854	79,305	14,417	49,236	7,411
34	Fabricated metal products.....	159,049	25,507	7,157	1,116	49,915	8,640	30,960	4,402
3441	Metal cans.....	55,668	8,075	5,407	779	(D)	(D)	17,722	2,443
3443	Boiler shop products.....	8,019	1,306	(D)	(D)	1,230	177	4,916	716
3444	Sheet metalwork.....	11,914	2,533	(D)	(D)	7,810	1,660	(D)	(D)
3449	Miscellaneous metalwork, n.e.c.....	28,499	3,896	(D)	(D)	2,718	508	(D)	(D)
35	Machinery, except electrical.....	73,119	14,008	17,627	3,321	20,363	3,492	(D)	(D)
3522	Farm machinery and equipment.....	32,012	5,127	7,717	1,158	11,920	1,979	(D)	(D)
3531	Construction machinery.....	4,942	981	977	205	(D)	(D)	(D)	(D)
37	Transportation equipment.....	21,796	6,462	1,746	417	7,442	1,996	(D)	(D)
3729	Aircraft equipment, n.e.c.....	3,790	1,473	277	103	(D)	(D)	(D)	(D)
3791	Trailer coaches.....	4,478	848	(D)	(D)	2,135	442	-	-
3799	Transportation equipment, n.e.c.....	3,644	669	(D)	(D)	2,678	430	(D)	(D)
	SOUTH ATLANTIC.....	3,151,508	576,006	257,533	41,759	809,541	136,627	380,050	56,353
	Delaware ⁵	98,971	16,298	4,146	1,150	26,870	3,600	44,083	5,357
34	Fabricated metal products.....	65,575	9,412	(D)	(D)	239	51	43,825	5,299
35	Machinery, except electrical.....	4,848	1,582	(D)	(D)	(D)	(D)	(D)	(D)
	Maryland ⁵	722,443	134,280	32,743	5,830	130,368	22,596	50,361	7,533
25	Furniture and fixtures.....	36,185	6,154	(D)	(D)	7,089	1,319	-	-
32	Stone, clay, and glass products.....	3,261	538	-	-	-	-	-	-
34	Fabricated metal products.....	530,718	94,641	15,728	2,408	93,032	16,240	19,883	3,065
3441	Fabricated structural steel.....	60,218	8,425	6,861	821	2,566	401	4,248	645
3443	Boiler shop products.....	22,711	3,545	(D)	(D)	6,542	908	13,780	2,108
3444	Sheet metalwork.....	27,367	4,417	(D)	(D)	(D)	(D)	(D)	(D)
3446	Architectural metalwork.....	3,719	922	1,480	342	(D)	(D)	(D)	(D)
3481	Fabricated wire products, n.e.c.....	17,388	4,037	(D)	(D)	(D)	(D)	-	-
3499	Fabricated metal products, n.e.c.....	43,408	8,659	(D)	(D)	39,522	7,916	(D)	(D)
35	Machinery, except electrical.....	56,436	12,124	13,044	2,610	21,276	3,514	11,695	2,020
3551	Food products machinery.....	3,525	1,286	1,679	393	(D)	(D)	(D)	(D)
3599	Miscellaneous machinery.....	2,376	619	460	96	670	96	392	70
36	Electrical machinery.....	59,017	13,223	907	161	6,761	1,088	-	-
37	Transportation equipment.....	34,214	6,398	2,940	617	(D)	(D)	18,783	2,448
3729	Aircraft equipment, n.e.c.....	2,722	1,262	590	175	(D)	(D)	(D)	(D)
3731	Ship building and repairing.....	28,120	3,702	1,667	281	(D)	(D)	18,069	2,307
38	Instruments and related products.....	198	189	(D)	(D)	(D)	(D)	-	-
39	Miscellaneous manufacturing.....	330	159	-	-	-	-	-	-
	District of Columbia.....	6,335	1,043	856	178	549	88	2,993	502
34	Fabricated metal products.....	3,922	684	602	110	(D)	(D)	(D)	(D)
	Virginia ⁵	445,691	79,175	53,059	7,128	78,266	15,324	98,081	15,650
25	Furniture and fixtures.....	15,283	4,096	(D)	(D)	13,962	2,351	(D)	(D)
32	Stone, clay, and glass products.....	7,642	1,150	-	-	-	-	-	-
34	Fabricated metal products.....	308,020	44,232	44,533	5,421	29,896	6,218	58,754	8,221
3441	Metal cans.....	175,253	23,770	11,233	1,540	2,558	352	34,404	4,834
3443	Boiler shop products.....	40,182	6,138	(D)	(D)	13,055	1,753	23,383	3,248
3444	Sheet metalwork.....	5,095	1,155	(D)	(D)	(D)	(D)	(D)	(D)
3449	Miscellaneous metalwork, n.e.c.....	57,638	6,377	26,551	3,375	-	-	-	-

See footnotes at end of table.

Metal Fabricating Establishments, by Selected Industry

State: 1963--Continued

Carbon steel--Continued						Alloy steel						Code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
1,828	352	(D)	(D)	1,189	425	713	197	2,238	436	(D)	(D)	35
1,499	298	(D)	(D)	497	121	-	-	(D)	(D)	(D)	(D)	3522
(D)	(D)	-	-	(D)	(D)	(D)	(D)	1,850	272	-	-	3531
(D)	(D)	(D)	(D)	929	285	-	-	(D)	(D)	(D)	(D)	37
42,558	6,739	11,514	3,217	41,161	6,709	2,212	1,058	5,718	1,664	1,659	1,990	
26,484	4,150	7,743	1,594	32,506	4,307	(D)	(D)	(D)	(D)	(D)	(D)	34
24,187	3,787	(D)	(D)	5,322	642	(D)	(D)	(D)	(D)	(D)	(D)	3441
(D)	(D)	-	-	(D)	(D)	-	-	-	-	(D)	(D)	3443
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-	-	3444
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	3449
12,223	1,842	(D)	(D)	7,001	1,561	(D)	(D)	1,408	441	860	1,026	35
5,512	862	(D)	(D)	4,585	723	(D)	(D)	(D)	(D)	(D)	(D)	3522
334	70	-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-	3531
(D)	(D)	(D)	(D)	(D)	(D)	930	556	(D)	(D)	572	669	37
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3729
(D)	(D)	-	-	(D)	(D)	-	-	-	-	-	-	3791
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	-	-	3799
425,405	62,232	145,776	32,317	1,017,964	178,213	9,792	3,611	80,043	32,181	25,404	32,713	
1,730	274	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	351	669	34
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	35
(D)	(D)	(D)	(D)	-	-	-	-	-	-	(D)	(D)	
46,476	6,573	49,889	9,642	399,585	70,351	2,619	986	4,466	1,827	5,936	8,942	25
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	32
-	-	-	-	3,261	538	-	-	-	-	-	-	
38,417	5,340	19,287	3,537	340,579	61,181	(D)	(D)	(D)	(D)	1,566	2,064	34
34,786	4,808	(D)	(D)	10,348	1,498	(D)	(D)	(D)	(D)	(D)	(D)	3441
1,366	214	-	-	(D)	(D)	-	-	-	-	(D)	(D)	3443
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	419	403	3444
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	3446
(D)	(D)	16,462	2,992	-	-	-	-	(D)	(D)	(D)	(D)	3481
(D)	(D)	(D)	(D)	-	-	-	-	-	-	54	69	3499
3,603	593	1,217	476	2,189	56	1,376	493	675	268	1,361	2,094	35
(D)	(D)	-	-	-	-	-	-	(D)	(D)	355	944	3551
(D)	(D)	(D)	(D)	(4)	(4)	167	61	(D)	(D)	156	148	3599
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	744	508	(D)	(D)	36
4,410	632	(D)	(D)	4,060	573	(D)	(D)	231	115	1,069	1,315	37
334	128	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	110	374	3729
3,951	480	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3731
-	-	(D)	(D)	-	-	-	-	48	139	(D)	(D)	38
-	-	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	39
763	139	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	40
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	41
130,930	18,052	11,454	2,674	53,671	8,239	745	249	16,907	8,728	2,578	3,131	42
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	43
-	-	-	-	7,642	1,150	-	-	-	-	-	-	44
122,246	16,614	10,984	2,300	40,206	4,167	(D)	(D)	(D)	(D)	1,104	1,404	45
115,503	15,644	(D)	(D)	11,236	1,150	(D)	(D)	(D)	(D)	(D)	(D)	46
1,102	147	-	-	(D)	(D)	-	-	-	-	214	311	47
(D)	(D)	-	-	(D)	(D)	-	-	-	-	448	544	48
(D)	(D)	-	-	(D)	(D)	-	-	-	-	-	-	49

TABLE 3. Consumption of Steel Mill Shapes and Forms by Groups and Industries Within

Code	Division, State, industry group and industry ¹	Total		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
	SOUTH ATLANTIC--Continued								
	Virginia--Continued								
35	Machinery, except electrical.....	23,536	6,365	3,130	727	10,016	1,853	(D)	(D)
3522	Farm machinery and equipment.....	3,162	608	618	119	936	155	(D)	(D)
3599	Miscellaneous machinery.....	1,269	368	472	98	(D)	(D)	(D)	(D)
36	Electrical machinery.....	11,518	2,972	(D)	(D)	8,197	2,134	(D)	(D)
	West Virginia ⁵	467,556	74,893	18,190	2,903	279,821	42,679	57,891	8,549
34	Fabricated metal products.....	277,047	45,243	9,671	1,415	213,537	32,086	6,697	923
3441	Fabricated structural steel.....	22,186	3,464	2,654	405	(D)	(D)	2,745	400
3461	Metal stampings.....	33,412	6,160	(D)	(D)	26,210	4,716	-	-
35	Machinery, except electrical.....	16,638	3,108	3,899	810	2,156	369	5,615	842
3532	Mining machinery and equipment.....	8,782	1,578	1,643	309	(D)	(D)	4,267	601
	North Carolina ⁵	384,873	76,705	39,083	7,396	74,152	14,323	36,791	5,628
25	Furniture and fixtures.....	20,328	4,405	-	-	(D)	(D)	-	-
2514	Metal household furniture.....	13,314	3,108	-	-	(D)	(D)	-	-
34	Fabricated metal products.....	268,422	44,420	18,490	2,629	25,648	4,336	33,365	5,010
3429	Hardware, n.e.c.....	4,525	967	206	56	2,835	572	-	-
3441	Fabricated structural steel.....	77,857	11,934	5,846	942	(D)	(D)	9,885	1,430
3443	Boiler shop products.....	51,429	9,657	(D)	(D)	10,818	1,737	23,249	3,531
3444	Sheet metalwork.....	13,955	2,729	(D)	(D)	(D)	(D)	-	-
3461	Metal stampings.....	1,140	280	144	51	913	186	(D)	(D)
35	Machinery, except electrical.....	51,185	15,543	18,062	4,298	23,149	4,798	(D)	(D)
3522	Farm machinery and equipment.....	13,768	2,375	4,133	677	(D)	(D)	(D)	(D)
3552	Textile machinery.....	17,411	5,642	7,569	1,919	7,079	1,453	-	-
3559	Special industry machines, n.e.c.....	3,541	984	911	184	(D)	(D)	(D)	(D)
3599	Miscellaneous machinery.....	2,446	568	971	200	640	122	(D)	(D)
36	Electrical machinery.....	23,279	7,380	495	106	7,371	1,468	-	-
37	Transportation equipment.....	17,792	4,073	1,924	324	11,237	2,558	1,750	318
3713	Truck and bus bodies.....	14,656	2,994	1,188	203	11,041	2,316	939	156
	South Carolina.....	179,766	33,488	50,880	7,507	31,424	5,428	8,747	1,282
25	Furniture and fixtures.....	3,783	702	-	-	(D)	(D)	-	-
34	Fabricated metal products.....	134,246	21,291	40,507	5,178	16,951	2,511	7,106	985
3441	Fabricated structural steel.....	63,070	7,588	(D)	(D)	430	63	3,328	455
3449	Miscellaneous metalwork, n.e.c.....	42,364	6,993	15,713	2,272	-	-	(D)	(D)
35	Machinery, except electrical.....	34,101	9,748	9,876	2,197	9,484	1,932	(D)	(D)
3552	Textile machinery.....	14,762	4,337	6,631	1,373	3,247	734	-	-
	Georgia ⁵	405,399	80,121	35,365	6,046	139,286	24,443	51,013	7,685
25	Furniture and fixtures.....	16,038	3,036	-	-	(D)	(D)	-	-
34	Fabricated metal products.....	225,170	41,497	9,169	1,454	56,850	9,690	32,512	5,038
3441	Fabricated structural steel.....	35,278	5,104	3,182	501	1,055	167	3,811	547
3443	Boiler shop products.....	41,116	7,069	1,380	230	3,182	559	24,703	3,939
3444	Sheet metalwork.....	20,127	4,059	(D)	(D)	13,292	2,531	1,636	235
3449	Miscellaneous metalwork, n.e.c.....	22,537	3,237	(D)	(D)	10,188	1,638	(D)	(D)
3461	Metal stampings.....	15,507	6,089	(D)	(D)	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	75,226	15,125	18,419	3,244	27,531	5,606	9,693	1,453
3522	Farm machinery and equipment.....	26,169	3,755	9,677	1,511	8,605	1,365	1,156	174
3544	Special dies and tools.....	257	168	159	67	(D)	(D)	-	-
3551	Food products machinery.....	7,093	1,951	1,578	439	1,973	415	(D)	(D)
3552	Textile machinery.....	5,393	1,617	759	142	(D)	(D)	-	-
3559	Special industry machines, n.e.c.....	4,462	937	1,030	211	1,563	272	986	157
3599	Miscellaneous machinery.....	2,758	548	530	103	412	66	571	85
36	Electrical machinery.....	56,250	13,986	(D)	(D)	29,483	4,474	(D)	(D)
37	Transportation equipment.....	29,220	5,772	6,435	1,090	12,979	2,570	(D)	(D)
3791	Trailer coaches.....	6,059	1,183	(D)	(D)	2,223	548	-	-

See footnotes at end of table.

Metal Fabricating Establishments, by Selected Industry

State: 1963--Continued

Carbon steel--Continued						Alloy steel						Code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
966 (D) (D)	205 (D) (D)	(D) - -	(D) - -	2,469 - (D)	597 - (D)	(D) - (D)	(D) - (D)	3,525 (D) (D)	1,826 (D) (D)	157 (D) 62	245 (D) 116	35 3522 3599
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	36
19,410	3,085	(D)	(D)	88,101	16,266	811	218	775	173	(D)	(D)	
10,458	1,758	(D)	(D)	33,979	8,270	(D)	(D)	(D)	(D)	(D)	(D)	34
9,784	1,681	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3441
-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3461
(D)	(D)	(D)	(D)	1,704	263	600	169	(D)	(D)	(D)	(D)	35
(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	3532
65,920	10,079	60,033	12,768	81,880	13,868	977	594	23,647	7,849	2,390	4,200	
-	-	-	-	9,744	2,628	-	-	(D)	(D)	(D)	(D)	25
-	-	-	-	7,811	2,203	-	-	(D)	(D)	-	-	2514
61,919	9,329	57,934	11,713	66,346	9,732	(D)	(D)	(D)	(D)	574	702	34
-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	3429
54,080	8,202	(D)	(D)	4,967	831	(D)	(D)	(D)	(D)	(D)	(D)	3441
3,505	509	(D)	(D)	(D)	(D)	-	-	(D)	(D)	107	129	3443
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	185	257	3444
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3461
2,355	469	492	304	1,848	722	(D)	(D)	(D)	(D)	1,293	2,875	35
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	3522
1,294	271	451	296	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3552
367	69	-	-	270	56	(D)	(D)	(D)	(D)	(D)	(D)	3559
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3599
-	-	540	288	(D)	(D)	-	-	14,249	5,047	(D)	(D)	36
(D)	(D)	(D)	(D)	719	168	-	-	(D)	(D)	(D)	(D)	37
(D)	(D)	(D)	(D)	675	135	-	-	-	-	(D)	(D)	3713
48,756	7,982	3,714	2,085	31,806	4,773	174	60	1,331	1,018	2,934	3,353	
-	-	-	-	(D)	(D)	-	-	-	-	-	-	25
42,424	6,690	(D)	(D)	24,696	3,222	-	-	(D)	(D)	(D)	(D)	34
26,846	3,635	(D)	(D)	(D)	(D)	-	-	-	-	-	-	3441
(D)	(D)	(D)	(D)	10,586	1,364	-	-	-	-	-	-	3443
4,370	721	3,243	1,991	3,305	723	174	60	(D)	(D)	949	1,075	35
1,681	324	1,376	730	(D)	(D)	-	-	(D)	(D)	522	802	3552
50,413	7,307	3,655	955	93,186	16,823	2,568	677	23,875	9,520	6,038	6,665	
-	-	-	-	4,541	952	-	-	(D)	(D)	(D)	(D)	25
32,557	4,795	1,935	410	82,326	14,403	(D)	(D)	(D)	(D)	4,709	4,719	34
(D)	(D)	(D)	(D)	3,790	438	-	-	-	-	(D)	(D)	3441
8,241	1,202	(D)	(D)	(D)	(D)	-	-	(D)	(D)	58	78	3443
(D)	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	256	322	3444
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	3445
-	-	(D)	(D)	(D)	(D)	-	-	-	-	4,283	1,144	3446
11,730	1,588	(D)	(D)	2,532	483	1,810	485	(D)	(D)	-	1,212	35
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	3522
(D)	(D)	-	-	(D)	(D)	42	77	-	-	-	-	3523
(D)	(D)	-	-	239	93	(D)	(D)	(D)	(D)	286	420	3524
(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-	3525
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3526
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	41	-	3527
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3528
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3529
(D)	(D)	(D)	(D)	286	76	(D)	(D)	(D)	(D)	-	-	3530
(D)	(D)	-	-	-	-	-	-	(D)	(D)	-	-	3531

TABLE 3. Consumption of Steel Mill Shapes and Forms by Groups and Industries Within

Code	Division, State, industry group and industry ¹	Total		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
	SOUTH ATLANTIC--Continued								
	Florida ⁵	440,474	80,003	23,211	3,621	48,805	8,146	30,090	4,167
25	Furniture and fixtures.....	2,118	520	(D)	(D)	(D)	(D)	(D)	(D)
32	Stone, clay, and glass products.....	11,015	1,521	-	-	-	-	-	-
34	Fabricated metal products.....	382,249	66,953	(D)	(D)	37,704	6,249	17,766	2,570
3411	Metal cans.....	148,568	33,741	-	-	-	-	-	-
3441	Fabricated structural steel.....	76,605	10,144	(D)	(D)	5,902	989	4,193	555
3443	Boiler shop products.....	26,728	4,052	(D)	(D)	8,442	1,208	12,223	1,754
3444	Sheet metalwork.....	16,630	3,951	(D)	(D)	7,494	1,369	(D)	(D)
3449	Miscellaneous metalwork, n.e.c.....	84,487	8,921	(D)	(D)	(D)	(D)	(D)	(D)
3481	Fabricated wire products, n.e.c.....	4,988	579	-	-	-	-	-	-
35	Machinery, except electrical.....	18,090	4,054	3,104	588	5,556	885	4,402	473
3522	Farm machinery and equipment.....	4,019	732	537	90	1,756	323	(D)	(D)
3551	Food products machinery.....	3,892	734	630	119	2,127	278	(D)	(D)
3599	Miscellaneous machinery.....	3,501	690	900	163	450	79	1,062	162
36	Electrical machinery.....	4,591	1,727	(D)	(D)	1,817	401	-	-
37	Transportation equipment.....	21,852	5,032	2,134	405	3,095	527	7,855	1,111
3791	Trailer coaches.....	5,199	761	(D)	(D)	(D)	(D)	-	-
3799	Transportation equipment, n.e.c.....	3,673	647	(D)	(D)	(D)	(D)	(D)	(D)
	EAST SOUTH CENTRAL.....	2,285,038	404,949	247,696	40,116	882,480	142,517	406,242	57,003
	Kentucky ⁵	569,863	110,738	56,026	9,783	355,841	57,649	24,382	3,484
25	Furniture and fixtures.....	10,818	2,316	(D)	(D)	10,375	2,013	-	-
34	Fabricated metal products.....	174,414	37,362	24,087	3,673	52,787	8,602	12,090	1,731
3441	Fabricated structural steel.....	4,495	676	501	87	(D)	(D)	1,139	172
3443	Boiler shop products.....	17,167	2,707	2,635	391	3,269	444	8,194	1,124
3444	Sheet metalwork.....	6,827	1,514	(D)	(D)	5,039	1,029	(D)	(D)
3461	Metal stampings.....	23,415	5,384	(D)	(D)	15,644	2,331	(D)	(D)
3499	Fabricated metal products, n.e.c.....	2,037	446	(D)	(D)	1,184	282	(D)	(D)
35	Machinery, except electrical.....	85,252	17,102	21,761	3,940	(D)	(D)	4,721	721
3544	Special dies and tools.....	708	216	481	98	(D)	(D)	(D)	(D)
3599	Miscellaneous machinery.....	2,847	714	760	153	(D)	(D)	(D)	(D)
36	Electrical machinery.....	253,521	44,836	(D)	(D)	238,689	37,085	-	-
37	Transportation equipment.....	41,730	7,629	3,555	558	16,878	2,917	7,571	1,032
3717	Motor vehicles and parts.....	14,182	3,346	(D)	(D)	9,145	1,783	(D)	(D)
	Tennessee ⁵	684,275	121,227	47,926	8,099	320,384	51,584	60,292	8,672
25	Furniture and fixtures.....	47,763	8,679	-	-	38,399	6,483	-	-
32	Stone, clay, and glass products.....	4,823	668	-	-	-	-	-	-
34	Fabricated metal products.....	305,538	53,302	10,911	1,687	74,915	13,228	28,866	4,371
3441	Fabricated structural steel.....	98,061	16,493	6,194	822	(D)	(D)	12,214	1,818
3443	Boiler shop products.....	19,846	3,807	371	62	395	65	15,878	2,431
3444	Sheet metalwork.....	20,356	3,374	(D)	(D)	18,794	3,070	(D)	(D)
3461	Metal stampings.....	15,876	2,583	644	100	14,273	2,276	(D)	(D)
3481	Fabricated wire products, n.e.c.....	17,995	2,962	(D)	(D)	(D)	(D)	-	-
35	Machinery, except electrical.....	94,467	17,540	24,529	4,323	30,342	5,068	(D)	(D)
3522	Farm machinery and equipment.....	29,679	4,657	10,886	1,721	(D)	(D)	(D)	(D)
3537	Industrial trucks and tractors.....	3,707	688	1,233	229	443	84	(D)	(D)
3599	Miscellaneous machinery.....	7,630	731	1,801	304	(D)	(D)	(D)	(D)
36	Electrical machinery.....	94,204	16,199	(D)	(D)	90,960	14,409	-	-
3631	Household cooking equipment.....	45,136	7,586	(D)	(D)	45,007	7,483	-	-
3639	Household appliances, n.e.c.....	22,570	3,339	-	-	22,417	3,248	-	-
37	Transportation equipment.....	126,527	20,629	5,035	883	85,520	12,333	(D)	(D)
3713	Truck and bus bodies.....	5,262	668	408	65	3,707	444	(D)	(D)
3717	Motor vehicles and parts.....	43,826	7,249	3,578	623	31,367	4,659	(D)	(D)
39	Miscellaneous manufacturing.....	1,226	1,630	-	-	-	-	-	-

See footnotes at end of table.

Metal Fabricating Establishments, by Selected Industry

State: 1963--Continued

Carbon steel--Continued						Alloy steel						Code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
61,007	8,741	7,102	951	255,035	45,592	1,661	685	8,928	2,981	4,635	5,119	
(D)	(D)	-	-	1,472	303	-	-	(D)	(D)	86	126	25
-	-	-	-	11,015	1,521	-	-	-	-	-	-	32
51,573	7,284	6,826	873	239,563	42,574	214	89	(D)	(D)	3,216	3,239	34
-	-	-	-	148,568	33,741	-	-	-	-	-	-	3411
44,577	6,076	(D)	(D)	15,045	1,575	(D)	(D)	(D)	(D)	51	102	3441
3,312	430	(D)	(D)	993	223	(D)	(D)	(D)	(D)	(D)	(D)	3443
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	733	1,000	3444
(D)	(D)	(D)	(D)	69,742	6,430	-	-	-	-	-	-	3449
-	-	4,988	579	-	-	-	-	-	-	-	-	3481
1,979	319	(D)	(D)	(D)	(D)	551	230	865	758	393	573	35
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-	3522
(D)	(D)	-	-	320	68	-	-	-	-	99	141	3551
755	108	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	73	128	3599
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	36
6,357	918	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	766	889	37
4,118	556	-	-	(D)	(D)	-	-	-	-	-	-	3791
685	115	-	-	(D)	(D)	-	-	(D)	(D)	-	-	3799
264,734	39,906	131,237	25,107	268,379	53,652	29,966	6,600	35,912	17,607	18,392	22,441	
10,983	1,781	31,658	6,834	54,361	14,572	19,841	3,767	9,923	4,843	6,848	8,025	
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	25
(D)	(D)	26,697	4,744	36,493	9,563	(D)	(D)	6,940	2,890	3,680	4,387	34
(D)	(D)	-	-	(D)	(D)	-	-	-	-	-	-	3441
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	3443
-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3444
(D)	(D)	(D)	(D)	3,035	821	-	-	-	-	1,440	1,459	3461
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	3499
2,860	651	(D)	(D)	4,926	991	(D)	(D)	(D)	(D)	700	850	35
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-	3544
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3599
(D)	(D)	486	923	(D)	(D)	(D)	(D)	719	1,101	(D)	(D)	36
2,916	398	(D)	(D)	5,094	1,291	(D)	(D)	(D)	(D)	(D)	(D)	37
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	3717
77,928	12,592	33,746	6,782	126,744	22,827	3,869	1,408	11,100	6,164	2,286	3,099	
-	-	-	-	9,251	2,155	-	-	(D)	(D)	(D)	(D)	25
-	-	-	-	4,823	668	-	-	-	-	-	-	32
61,511	9,976	18,638	3,089	105,002	17,442	(D)	(D)	(D)	(D)	1,356	1,702	34
59,694	9,676	-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	3441
714	107	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3443
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	60	76	3444
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3461
-	-	15,016	2,423	(D)	(D)	(D)	(D)	-	-	-	-	3481
(D)	(D)	(D)	(D)	5,212	1,184	995	598	4,907	1,317	594	865	35
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	3522
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-	-	3537
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3599
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	148	207	36
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	3631
-	-	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3637
(D)	(D)	9,693	1,779	(D)	(D)	2,051	615	(D)	(D)	(D)	(D)	37
(D)	(D)	-	-	(D)	(D)	-	-	-	-	-	-	3713
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	3717
-	-	-	-	(D)	(D)	-	-	(D)	(D)	-	-	39

**TABLE 3. Consumption of Steel Mill Shapes and Forms by
Groups and Industries Within**

Code	Division, State, industry group and industry ¹	Total		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
	EAST SOUTH CENTRAL--Continued								
	Alabama ⁵	752,471	116,469	123,896	18,776	105,472	17,221	250,358	34,240
25	Furniture and fixtures.....	11,020	1,886	-	-	6,569	976	-	-
34	Fabricated metal products.....	499,884	73,792	82,031	11,919	62,181	10,337	179,202	23,620
3441	Fabricated structural steel.....	163,130	23,793	19,422	2,404	1,910	276	62,372	9,114
3443	Boiler shop products.....	125,727	17,342	(D)	(D)	6,334	898	100,677	12,242
3449	Miscellaneous metalwork, n.e.c.....	108,834	14,965	33,240	5,195	(D)	(D)	(D)	(D)
3452	Bolts, nuts, rivets, and washers.....	41,128	6,048	22,974	3,327	(D)	(D)	(D)	(D)
3461	Metal stampings.....	11,759	2,892	-	-	3,949	650	-	-
3481	Fabricated wire products, n.e.c.....	13,231	1,834	(D)	(D)	(D)	(D)	-	-
35	Machinery, except electrical.....	55,315	9,220	24,321	3,900	16,885	2,809	(D)	(D)
3522	Farm machinery and equipment.....	38,078	6,064	(D)	(D)	12,345	1,998	(D)	(D)
36	Electrical machinery.....	18,415	3,260	(D)	(D)	(D)	(D)	(D)	(D)
37	Transportation equipment.....	152,945	24,428	11,277	1,617	(D)	(D)	64,399	9,576
3731	Ship building and repairing.....	32,503	4,803	(D)	(D)	(D)	(D)	19,630	2,851
	Mississippi ⁵	278,429	56,515	19,848	3,458	100,783	16,063	71,210	10,607
25	Furniture and fixtures.....	13,827	2,075	-	-	13,609	2,012	-	-
34	Fabricated metal products.....	122,366	28,755	11,114	1,785	23,875	3,658	33,161	5,087
3441	Fabricated structural steel.....	45,086	6,351	2,263	368	(D)	(D)	12,041	1,724
3443	Boiler shop products.....	36,138	7,646	(D)	(D)	(D)	(D)	20,684	3,295
35	Machinery, except electrical.....	37,557	6,623	6,499	1,163	18,252	2,935	(D)	(D)
3522	Farm machinery and equipment.....	14,392	2,229	2,887	491	8,877	1,360	(D)	(D)
3599	Miscellaneous machinery.....	3,116	622	856	147	856	150	(D)	(D)
36	Electrical machinery.....	22,871	4,414	(D)	(D)	19,758	3,064	(D)	(D)
37	Transportation equipment.....	77,134	13,744	(D)	(D)	24,998	4,336	(D)	(D)
	WEST SOUTH CENTRAL.....	2,738,274	497,008	234,641	40,736	531,956	85,373	576,019	89,317
	Arkansas ⁵	181,805	34,472	12,720	2,285	93,883	15,622	10,769	1,628
25	Furniture and fixtures.....	12,741	2,525	-	-	(D)	(D)	-	-
34	Fabricated metal products.....	87,602	13,862	4,769	762	25,066	3,751	9,313	1,412
3441	Fabricated structural steel.....	31,834	4,375	3,292	442	(D)	(D)	(D)	(D)
3443	Boiler shop products.....	11,898	1,691	(D)	(D)	6,857	969	(D)	(D)
35	Machinery, except electrical.....	20,566	3,819	6,504	1,195	9,582	1,627	(D)	(D)
3522	Farm machinery and equipment.....	8,168	1,174	4,045	556	1,973	293	(D)	(D)
3585	Refrigeration machinery.....	4,365	949	(D)	(D)	4,074	713	-	-
36	Electrical machinery.....	46,925	8,858	(D)	(D)	42,965	7,180	(D)	(D)
3621	Motors and generators.....	24,056	4,234	(D)	(D)	22,897	3,948	-	-
37	Transportation equipment.....	6,077	1,314	(D)	(D)	(D)	(D)	-	-
	Louisiana ⁵	353,261	60,003	10,545	1,560	92,524	14,058	75,265	11,272
32	Stone, clay, and glass products.....	5,323	805	-	-	-	-	-	-
34	Fabricated metal products.....	298,512	50,701	(D)	(D)	88,004	13,263	53,124	8,088
3441	Fabricated structural steel.....	42,039	6,935	2,869	407	(D)	(D)	(D)	(D)
3443	Boiler shop products.....	57,584	10,272	457	71	(D)	(D)	48,752	7,446
3444	Sheet metalwork.....	4,642	1,010	-	-	4,088	869	(D)	(D)
35	Machinery, except electrical.....	13,244	3,283	(D)	(D)	1,975	370	(D)	(D)
3533	Oilfield machinery.....	2,411	582	(D)	(D)	(D)	(D)	(D)	(D)
37	Transportation equipment.....	33,960	4,759	4,713	590	(D)	(D)	18,676	2,507
3731	Ship building and repairing.....	26,961	3,599	(D)	(D)	(D)	(D)	16,517	2,181
	Oklahoma ⁵	385,840	67,409	39,090	6,748	43,421	7,638	90,446	13,714
25	Furniture and fixtures.....	4,506	656	-	-	(D)	(D)	-	-

See footnotes at end of table.

Metal Fabricating Establishments, by Selected Industry

State: 1963--Continued

Carbon steel--Continued						Alloy steel						Code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
131,372	19,357	60,830	9,657	69,080	11,447	1,968	432	7,101	1,888	2,394	3,451	
-	-	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	25
85,066	12,361	44,905	5,821	43,133	6,171	(D)	(D)	(D)	(D)	2,142	3,176	34
71,617	10,562	(D)	(D)	6,791	1,086	-	-	(D)	(D)	(D)	(D)	3441
7,703	1,025	(D)	(D)	3,233	756	-	-	(D)	(D)	931	1,366	3443
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	3449
-	-	(D)	(D)	(D)	(D)	-	-	-	-	-	-	3452
-	-	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	3461
-	-	11,660	1,574	(D)	(D)	-	-	-	-	-	-	3481
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	134	152	35
(D)	(D)	(D)	(D)	-	-	-	-	-	-	-	-	3522
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	36
43,354	6,469	(D)	(D)	12,105	2,633	(D)	(D)	(D)	(D)	(D)	(D)	37
11,154	1,594	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3731
44,451	6,176	5,003	1,834	18,194	4,806	4,288	993	7,788	4,712	6,864	7,866	
-	-	-	-	(D)	(D)	-	-	-	-	(D)	(D)	25
(D)	(D)	2,764	927	10,867	3,427	(D)	(D)	(D)	(D)	(D)	(D)	34
(D)	(D)	-	-	(D)	(D)	-	-	-	-	-	-	3441
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3443
(D)	681	(D)	(D)	(D)	(D)	1,766	415	(D)	(D)	(D)	(D)	35
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	3522
585	99	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	3599
-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	36
(D)	(D)	(D)	(D)	1,948	516	(D)	(D)	(D)	(D)	(D)	(D)	37
429,455	68,113	60,709	13,480	738,684	137,767	88,669	23,814	66,838	23,052	11,303	15,356	
20,286	2,825	2,432	546	40,249	10,886	447	127	729	230	290	323	
-	-	-	-	(D)	(D)	-	-	(D)	(D)	-	-	25
18,247	2,480	876	143	28,556	5,138	(D)	(D)	(D)	(D)	(D)	(D)	34
17,886	2,425	(D)	(D)	4,286	503	-	-	-	-	-	-	3441
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3443
1,614	283	818	112	368	76	(D)	(D)	(D)	(D)	248	283	35
678	104	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3522
-	-	-	-	-	-	-	-	-	-	(D)	(D)	3585
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	36
-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3621
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	37
34,099	5,266	1,680	309	127,340	22,686	1,166	593	9,666	2,748	976	1,511	
-	-	-	-	5,323	805	-	-	-	-	-	-	32
24,084	3,829	1,241	195	119,129	21,324	(D)	(D)	(D)	(D)	540	802	34
21,381	3,410	(D)	(D)	6,155	778	-	-	(D)	(D)	-	-	3441
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	334	547	3443
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3444
(D)	(D)	(D)	(D)	1,079	238	881	359	(D)	(D)	(D)	(D)	35
(D)	(D)	-	-	223	62	257	107	(D)	(D)	-	-	3533
6,808	906	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	37
5,511	705	(D)	(D)	549	129	-	-	-	-	-	-	3731
116,342	16,885	12,284	2,435	62,958	12,383	14,435	4,071	5,957	2,230	907	1,305	
-	-	-	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	25

TABLE 3. Consumption of Steel Mill Shapes and Forms by Groups and Industries Within

Code	Division, State, industry group and industry ¹	Total		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
	WEST SOUTH CENTRAL--Continued								
	Oklahoma ⁵ --Continued								
34	Fabricated metal products.....	294,313	46,975	21,529	3,353	27,718	4,753	75,788	11,320
3441	Fabricated structural steel.....	181,132	25,475	14,979	2,270	7,275	1,148	18,313	2,566
3443	Boiler shop products.....	82,221	15,360	4,406	662	7,008	1,021	53,656	8,149
3444	Sheet metalwork.....	8,715	1,667	(D)	(D)	5,837	1,193	665	96
3449	Miscellaneous metalwork, n.e.c.....	9,653	1,694	644	106	(D)	(D)	(D)	(D)
3494	Valves and pipe fittings.....	2,222	637	639	194	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	70,995	15,539	14,547	2,852	10,913	1,762	13,819	2,214
3522	Farm machinery and equipment.....	3,691	581	1,005	164	638	104	(D)	(D)
3531	Construction machinery.....	3,793	845	690	153	(D)	(D)	(D)	(D)
3533	Oilfield machinery.....	46,519	10,224	8,806	1,568	(D)	(D)	10,822	1,643
3561	Pumps and compressors.....	2,497	956	611	152	(D)	(D)	(D)	(D)
3599	Miscellaneous machinery.....	2,046	435	1,040	234	(D)	(D)	(D)	(D)
36	Electrical machinery.....	6,391	1,649	(D)	(D)	3,525	881	-	-
37	Transportation equipment.....	3,883	1,036	230	67	750	134	(D)	(D)
	Texas ⁵	1,817,368	335,124	172,286	30,143	302,128	48,055	399,539	62,703
25	Furniture and fixtures.....	24,929	4,263	-	-	15,150	2,164	-	-
32	Stone, clay, and glass products.....	7,893	1,139	-	-	-	-	-	-
33	Primary metal industries.....	43,066	9,745	3,415	472	-	-	-	-
34	Fabricated metal products.....	1,262,232	222,219	106,318	17,577	192,936	31,160	282,594	44,536
3429	Hardware, n.e.c.....	3,780	823	(D)	(D)	(D)	(D)	(D)	(D)
3441	Fabricated structural steel.....	404,603	63,106	60,428	9,867	5,873	896	104,783	16,759
3443	Boiler shop products.....	208,382	43,019	2,834	1,131	16,812	3,519	158,865	24,839
3444	Sheet metalwork.....	33,017	6,279	1,200	157	29,903	5,705	(D)	(D)
3446	Architectural metalwork.....	7,351	1,345	1,994	341	3,064	540	904	143
3449	Miscellaneous metalwork, n.e.c.....	194,772	24,159	28,048	3,837	17,105	3,036	(D)	(D)
3452	Bolts, nuts, rivets, and washers.....	4,301	1,116	415	51	-	-	(D)	(D)
3481	Fabricated wire products, n.e.c.....	51,677	9,369	(D)	(D)	(D)	(D)	-	-
3494	Valves and pipe fittings.....	12,046	2,943	4,078	759	(D)	(D)	4,430	704
3498	Fabricated pipe and fittings.....	33,805	9,659	278	81	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	303,096	66,701	44,081	9,150	56,206	8,612	54,548	8,933
3522	Farm machinery and equipment.....	20,893	3,601	6,481	1,075	2,149	317	2,537	361
3531	Construction machinery.....	22,358	4,421	1,329	232	2,447	443	11,613	1,862
3533	Oilfield machinery.....	145,712	34,345	17,741	3,478	-	-	24,777	3,818
3535	Conveyors.....	7,802	1,394	1,440	303	3,341	441	1,665	291
3541	Metal-cutting machine tools.....	493	184	206	85	(D)	(D)	(D)	(D)
3544	Special dies and tools.....	2,777	480	439	159	(D)	(D)	464	102
3551	Food products machinery.....	4,394	1,079	(D)	(D)	890	126	(D)	(D)
3559	Special industry machines, n.e.c.....	15,084	4,278	2,001	368	4,935	742	3,235	502
3561	Pumps and compressors.....	23,140	5,441	6,541	1,420	(D)	(D)	(D)	(D)
3569	General industry machines, n.e.c.....	2,299	451	455	85	(D)	(D)	635	117
3582	Commercial laundry equipment.....	2,437	461	345	65	1,703	285	(D)	(D)
3585	Refrigeration machinery.....	28,904	5,181	1,525	320	24,648	4,264	(D)	(D)
3599	Miscellaneous machinery.....	5,120	1,350	1,600	363	756	143	(D)	(D)
36	Electrical machinery.....	31,327	5,479	(D)	(D)	15,036	2,493	(D)	(D)
37	Transportation equipment.....	135,662	22,343	9,284	1,644	(D)	(D)	61,849	9,132
3713	Truck and bus bodies.....	3,993	639	421	69	2,447	399	(D)	(D)
3715	Truck trailers.....	22,526	2,762	658	98	4,820	684	7,300	1,418
3717	Motor vehicles and parts.....	10,379	1,852	(D)	(D)	4,571	838	(D)	(D)
3729	Aircraft equipment, n.e.c.....	1,419	697	(D)	(D)	(D)	(D)	(D)	(D)
3731	Ship building and repairing.....	76,828	11,447	1,707	274	695	108	51,675	7,255
3791	Trailer coaches.....	4,942	959	(D)	(D)	(D)	(D)	-	-
3799	Transportation equipment, n.e.c.....	12,107	1,912	3,342	593	7,933	1,131	434	76
39	Miscellaneous manufacturing.....	4,062	1,164	-	-	-	-	-	-
	MOUNTAIN.....	477,724	87,904	44,904	8,248	80,071	14,769	99,075	14,150
	Montana.....	13,494	2,230	845	147	6,226	1,026	3,434	525
34	Fabricated metal products.....	12,275	2,003	(D)	(D)	(D)	(D)	(D)	(D)
3441	Fabricated structural steel.....	4,075	683	(D)	(D)	313	50	840	141

See footnotes at end of table.

Metal Fabricating Establishments, by Selected Industry

State: 1963--Continued

Carbon steel--Continued						Alloy steel						Code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
108,880	15,449	(D)	(D)	47,039	9,076	(D)	(D)	2,298	658	399	497	34
103,204	14,668	(D)	(D)	33,420	4,193	(D)	(D)	(D)	(D)	(D)	(D)	3441
3,742	559	(D)	(D)	12,729	4,616	(D)	(D)	(D)	(D)	136	136	3443
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3444
1,256	191	-	-	(D)	(D)	-	-	-	-	-	-	3449
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	74	129	3494
6,049	1,102	(D)	(D)	8,337	1,948	13,696	3,732	3,265	1,486	(D)	(D)	35
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-	3522
782	139	-	-	275	61	(D)	(D)	-	-	(D)	(D)	3531
3,799	714	-	-	6,518	1,278	12,607	3,344	2,338	1,322	(D)	(D)	3533
(D)	(D)	-	-	1,078	450	363	132	(D)	(D)	(D)	(D)	3561
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3599
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	36
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	37
258,728	43,137	44,313	10,190	508,137	91,812	72,621	19,023	50,486	17,844	9,130	12,217	
(D)	(D)	-	-	9,502	1,921	-	-	(D)	(D)	119	128	25
-	-	-	-	7,893	1,139	-	-	-	-	-	-	32
-	-	-	-	17,910	2,651	5,916	1,215	15,102	4,451	723	956	33
193,001	32,595	39,018	8,238	433,791	76,823	3,802	1,005	6,921	4,747	3,851	5,538	34
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	144	121	3429
177,526	28,575	(D)	(D)	54,243	6,482	-	-	(D)	(D)	(D)	(D)	3441
4,570	2,443	(D)	(D)	18,822	5,568	(D)	(D)	(D)	(D)	1,299	1,791	3443
(D)	(D)	(D)	(D)	356	94	(D)	(D)	(D)	(D)	61	98	3444
949	160	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3446
(D)	(D)	4,010	823	134,207	14,697	-	-	(D)	(D)	-	-	3449
-	-	-	-	(D)	(D)	2,477	804	(D)	(D)	(D)	(D)	3452
-	-	30,808	6,669	(D)	(D)	-	-	-	-	(D)	(D)	3481
-	-	-	-	2,925	854	(D)	(D)	-	-	(D)	(D)	3494
(D)	(D)	-	-	28,665	6,550	(D)	(D)	(D)	(D)	(D)	(D)	3498
37,024	6,067	1,887	653	23,537	6,803	61,472	15,921	20,568	6,061	3,773	4,501	35
6,137	965	(D)	(D)	1,472	328	(D)	(D)	(D)	(D)	(D)	(D)	3522
3,000	487	(D)	(D)	2,195	625	241	86	(D)	(D)	(D)	(D)	3531
18,464	2,994	(D)	(D)	13,052	4,110	54,621	13,944	16,056	4,472	(D)	(D)	3533
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	117	115	3535
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3541
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3544
(D)	(D)	(D)	(D)	358	79	(D)	(D)	(D)	(D)	208	347	3551
2,180	326	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3559
(D)	(D)	-	-	2,595	912	(D)	(D)	501	292	(D)	(D)	3561
516	95	-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-	3569
(D)	(D)	-	-	(D)	(D)	-	-	-	-	-	-	3582
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	90	103	3585
835	156	(D)	(D)	(D)	(D)	630	233	268	130	79	135	3599
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	36
27,434	4,232	(D)	(D)	10,808	1,454	(D)	(D)	(D)	(D)	337	523	37
(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	-	-	3711
873	139	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3715
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3717
(D)	(D)	-	-	(D)	(D)	245	128	562	300	72	184	3731
20,770	3,074	(D)	(D)	1,564	459	-	-	(D)	(D)	123	-	3791
3,654	619	-	-	(D)	(D)	-	-	472	170	-	-	3799
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	
-	-	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	39
75,432	12,630	12,900	3,330	158,541	29,735	2,463	712	1,859	803	2,479	3,527	
1,506	262	(D)	(D)	1,293	210	-	-	(D)	(D)	-	-	
1,506	262	(D)	(D)	(D)	(D)	-	-	-	-	-	-	34
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	3441

TABLE 3. Consumption of Steel Mill Shapes and Forms by Groups and Industries Within

Code	Division, State, industry group and industry ¹	Total		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
	MOUNTAIN--Continued								
	Idaho.....	40,757	7,420	6,372	1,104	7,957	1,368	6,491	1,015
34	Fabricated metal products.....	30,567	5,425	(D)	(D)	5,962	958	4,984	725
3411	Metal cans.....	10,052	2,220	-	-	-	-	-	-
3441	Fabricated structural steel.....	9,176	1,426	(D)	(D)	(D)	(D)	2,141	315
35	Machinery, except electrical.....	5,997	1,187	1,738	340	(D)	(D)	(D)	(D)
	Wyoming.....	1,766	371	311	57	339	48	(D)	(D)
	Colorado ⁵	184,628	38,277	20,713	4,039	23,339	4,272	18,813	3,148
34	Fabricated metal products.....	144,813	29,033	9,368	1,631	16,374	3,012	11,553	1,988
3411	Metal cans.....	42,625	11,331	-	-	-	-	-	-
3441	Fabricated structural steel.....	24,685	4,766	1,070	190	523	85	2,934	437
3443	Boiler shop products.....	15,974	2,861	491	98	5,130	800	7,747	1,375
35	Machinery, except electrical.....	22,915	5,224	8,960	1,922	(D)	(D)	5,680	892
3522	Farm machinery and equipment.....	7,137	1,288	3,890	631	1,400	248	987	162
3532	Mining machinery and equipment.....	6,567	1,410	(D)	(D)	(D)	(D)	2,686	398
36	Electrical machinery.....	3,495	675	(D)	(D)	2,915	509	-	-
37	Transportation equipment.....	7,451	1,716	(D)	(D)	1,084	185	1,580	268
3729	Aircraft equipment, n.e.c.....	1,266	663	(D)	(D)	(D)	(D)	(D)	(D)
	New Mexico.....	17,243	2,589	990	179	1,021	164	5,281	812
34	Fabricated metal products.....	12,796	1,748	(D)	(D)	746	112	2,209	351
3441	Fabricated structural steel.....	4,644	668	596	95	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	3,434	613	(D)	(D)	(D)	(D)	(D)	(D)
	Arizona ⁵	74,445	13,303	4,708	874	26,619	5,209	9,676	1,396
34	Fabricated metal products.....	51,309	7,750	1,829	292	11,841	2,142	8,252	1,136
3444	Sheet metalwork.....	4,056	828	(D)	(D)	3,910	718	-	-
35	Machinery, except electrical.....	21,005	4,354	2,655	463	14,335	2,940	(D)	(D)
3599	Miscellaneous machinery.....	2,532	571	643	141	299	61	(D)	(D)
37	Transportation equipment.....	340	612	(D)	(D)	(D)	(D)	(D)	(D)
	Utah ⁵	141,544	23,045	10,292	1,718	14,228	2,621	53,985	7,032
34	Fabricated metal products.....	124,493	19,382	8,255	1,320	10,272	1,926	49,990	6,341
3411	Metal cans.....	18,416	4,355	-	-	-	-	-	-
3441	Fabricated structural steel.....	30,912	4,072	(D)	(D)	(D)	(D)	7,850	1,037
3443	Boiler shop products.....	59,459	8,362	4,870	727	4,044	769	40,784	5,099
3444	Sheet metalwork.....	4,550	959	(D)	(D)	4,242	843	(D)	(D)
35	Machinery, except electrical.....	9,510	1,748	1,819	334	(D)	(D)	(D)	(D)
37	Transportation equipment.....	4,902	1,006	(D)	(D)	(D)	(D)	(D)	(D)
	Nevada.....	3,847	669	673	130	342	61	(D)	(D)
	PACIFIC.....	4,025,760	822,293	310,555	57,751	914,318	164,435	618,026	98,762
	Washington ⁵	492,652	96,047	76,307	12,441	113,394	16,388	93,804	20,171
32	Stone, clay, and glass products.....	9,709	649	-	-	-	-	-	-
34	Fabricated metal products.....	220,236	45,553	6,120	993	20,126	4,203	24,565	4,033
3411	Metal cans.....	120,947	25,369	-	-	-	-	-	-
3441	Fabricated structural steel.....	47,557	8,142	3,190	521	1,058	127	19,270	3,231
3443	Boiler shop products.....	7,132	1,111	(D)	(D)	2,462	382	4,075	605
3444	Sheet metalwork.....	10,244	2,989	(D)	(D)	8,372	1,544	(D)	(D)
35	Machinery, except electrical.....	64,002	8,968	7,922	1,648	(D)	(D)	(D)	(D)
3531	Construction machinery.....	4,563	814	757	150	(D)	(D)	(D)	(D)
3553	Woodworking machinery.....	2,603	718	1,152	242	(D)	(D)	(D)	(D)
3599	Miscellaneous machinery.....	16,578	2,958	2,314	397	(D)	(D)	(D)	(D)

See footnotes at end of table.

Metal Fabricating Establishments, by Selected Industry
State: 1963--Continued

Carbon steel--Continued						Alloy steel						Code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
7,267	1,141	(D)	(D)	12,308	2,628	179	62	(D)	(D)	56	87	34 3411 3441
5,463	839	(D)	(D)	11,087	2,376	(D)	(D)	-	-	(D)	(D)	
2,950	480	(D)	(D)	10,052	2,220	-	-	-	-	(D)	(D)	
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	35
(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	
24,560	4,753	7,802	1,915	85,101	17,356	1,862	416	1,016	500	1,422	1,878	
22,311	4,365	(D)	(D)	78,502	15,893	(D)	(D)	(D)	(D)	(D)	(D)	34
-	-	-	-	42,625	11,331	-	-	-	-	-	-	3411
18,723	3,833	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3441
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3443
(D)	(D)	(D)	(D)	3,021	823	(D)	(D)	(D)	(D)	464	595	35
531	84	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3522
(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	3532
-	-	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	36
(D)	(D)	(D)	(D)	(D)	(D)	1,308	210	680	330	49	124	37
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	49	124	3729
2,426	361	119	24	7,250	875	(D)	(D)	(D)	(D)	75	135	
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	34
1,964	282	(D)	(D)	(D)	(D)	-	-	-	-	-	-	3441
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	35
16,148	2,595	2,707	615	13,983	1,604	167	117	136	106	301	787	
14,493	2,281	(D)	(D)	12,684	1,388	(D)	(D)	-	-	87	129	34
(D)	(D)	-	-	(D)	(D)	-	-	-	-	(D)	(D)	3444
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	38	54	35
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3599
(D)	(D)	-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	37
21,529	3,183	2,047	735	38,134	6,983	181	84	(D)	(D)	(D)	(D)	
19,385	2,820	(D)	(D)	34,590	6,278	(D)	(D)	(D)	(D)	(D)	(D)	34
-	-	-	-	18,416	4,355	-	-	-	-	-	-	3411
10,259	1,538	(D)	(D)	9,169	863	-	-	-	-	(D)	(D)	3441
7,579	1,033	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3443
(D)	(D)	-	-	(D)	(D)	-	-	-	-	(D)	(D)	3444
(D)	(D)	-	-	-	-	(D)	(D)	-	-	(D)	(D)	35
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	37
(D)	(D)	-	-	(D)	(D)	-	-	-	-	(D)	(D)	
274,494	44,975	148,845	32,496	1,581,413	302,387	54,870	20,347	80,520	37,064	42,719	64,076	
34,625	5,606	10,922	2,985	147,399	29,097	(D)	(D)	(D)	(D)	3,740	5,770	
-	-	-	-	9,709	649	-	-	-	-	-	-	

TABLE 3. Consumption of Steel Mill Shapes and Forms by Groups and Industries Within

Code	Division, State, industry group and industry ¹	Total		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
	PACIFIC--Continued								
	Oregon ⁵	316,422	56,461	30,387	4,385	57,802	8,945	75,198	11,363
34	Fabricated metal products.....	211,440	36,235	12,082	1,339	49,464	7,391	22,243	3,308
3441	Fabricated structural steel.....	26,646	4,105	3,084	456	2,293	336	12,031	1,810
3444	Sheet metalwork.....	19,827	3,847	(D)	(D)	17,355	3,401	(D)	(D)
35	Machinery, except electrical.....	41,463	9,876	11,181	2,137	3,836	696	(D)	(D)
3522	Farm machinery and equipment.....	4,344	705	(D)	(D)	1,106	175	(D)	(D)
3537	Industrial trucks and tractors.....	10,268	1,666	2,058	334	303	55	(D)	(D)
3553	Woodworking machinery.....	10,583	2,946	3,325	689	880	191	(D)	(D)
3599	Miscellaneous machinery.....	5,066	1,555	1,705	408	343	66	(D)	(D)
36	Electrical machinery.....	1,763	557	(D)	(D)	835	171	-	-
37	Transportation equipment.....	60,227	9,310	6,903	860	2,713	462	(D)	(D)
3715	Truck trailers.....	2,711	662	484	89	(D)	(D)	(D)	(D)
	California ⁵	3,121,629	649,713	202,405	40,648	741,032	138,729	447,708	67,012
19	Ordnance and accessories.....	79,443	25,071	3,016	812	20,538	3,119	8,231	2,500
1925	Complete guided missiles.....	7,839	3,647	(D)	(D)	(D)	(D)	2,055	486
25	Furniture and fixtures.....	103,897	28,362	(D)	(D)	72,928	21,034	(D)	(D)
2514	Metal household furniture.....	38,693	7,250	-	-	17,206	2,947	-	-
2515	Mattresses and bedsprings.....	4,245	806	-	-	950	167	-	-
2522	Metal office furniture.....	25,067	4,264	-	-	24,823	4,201	-	-
2541	Wood partitions and fixtures.....	1,055	484	-	-	(D)	(D)	-	-
2542	Metal partitions and fixtures.....	25,447	4,288	(D)	(D)	23,419	3,530	(D)	(D)
2599	Furniture and fixtures, n.e.c.....	2,513	632	-	-	(D)	(D)	-	-
30	Rubber and plastics products, n.e.c.....	5,641	2,335	-	-	-	-	-	-
32	Stone, clay, and glass products.....	24,614	3,787	-	-	-	-	-	-
33	Primary metal industries.....	29,938	13,020	(D)	(D)	-	-	-	-
34	Fabricated metal products.....	2,117,872	390,321	81,807	14,661	343,393	60,925	303,788	42,458
3411	Metal cans.....	845,505	172,067	(D)	(D)	(D)	(D)	-	-
3423	Hand and edge tools.....	5,210	1,752	(D)	(D)	409	169	-	-
3429	Hardware, n.e.c.....	39,439	9,377	7,336	1,266	23,481	4,283	(D)	(D)
3433	Heating equipment, except electric.....	29,543	5,555	353	107	26,402	4,714	605	91
3441	Fabricated structural steel.....	272,957	43,649	24,002	3,813	8,798	2,414	112,647	116,016
3442	Metal doors, sash, and trim.....	43,182	6,773	1,361	224	7,274	1,462	(D)	(D)
3443	Boiler shop products.....	220,788	32,270	4,488	697	20,350	3,103	166,666	22,650
3444	Sheet metalwork.....	117,468	22,499	3,581	641	88,774	16,627	12,210	1,331
3446	Architectural metalwork.....	28,616	4,995	5,821	1,041	12,324	2,003	1,549	238
3449	Miscellaneous metalwork, n.e.c.....	171,658	21,057	7,952	1,091	25,813	4,670	3,730	537
3451	Screw machine products.....	8,538	2,894	6,845	1,678	(D)	(D)	(D)	(D)
3452	Bolts, nuts, rivets, and washers.....	46,207	12,020	7,352	1,520	7,582	1,457	-	-
3461	Metal stampings.....	78,673	15,762	2,036	391	42,109	7,038	(D)	(D)
3481	Fabricated metal products, n.e.c.....	87,302	16,829	1,665	316	4,628	770	-	-
3491	Metal barrels, drums, and pails.....	79,227	12,405	-	-	69,904	11,024	-	-
3494	Valves and pipe fittings.....	12,598	5,374	2,893	648	(D)	(D)	2,441	519
3498	Fabricated pipe and fittings.....	12,498	2,771	(D)	(D)	(D)	(D)	(D)	(D)
3499	Fabricated metal products, n.e.c.....	8,531	1,955	1,627	283	3,294	544	1,076	183
35	Machinery, except electrical.....	286,283	69,722	70,537	15,059	71,146	12,787	54,574	9,488
3522	Farm machinery and equipment.....	38,015	6,966	14,242	2,463	7,564	1,345	5,926	937
3531	Construction machinery.....	35,277	6,452	5,011	977	7,078	1,154	10,810	1,619
3532	Mining machinery and equipment.....	2,387	421	483	101	(D)	(D)	1,261	180
3533	Oilfield machinery.....	23,277	5,531	11,761	2,450	(D)	(D)	3,609	600
3534	Elevators and moving stairways.....	4,596	958	578	98	(D)	(D)	974	156
3535	Conveyors.....	9,919	2,145	1,958	418	1,836	321	1,955	311
3536	Hoists, cranes, and monorails.....	7,179	1,287	1,156	194	(D)	(D)	2,061	349
3537	Industrial trucks and tractors.....	7,735	1,331	3,813	606	(D)	(D)	1,079	180
3541	Metal-cutting machine tools.....	2,167	619	535	184	(D)	(D)	(D)	(D)
3542	Metal-forming machine tools.....	3,699	1,178	1,667	402	(D)	(D)	1,574	293
3544	Special dies and tools.....	13,374	4,570	2,874	1,019	5,148	1,042	3,656	811
3545	Machine tool accessories.....	549	526	277	117	-	-	-	-
3551	Food products machinery.....	8,896	2,911	2,583	554	2,765	564	1,363	264
3554	Paper industries machinery.....	978	374	342	165	(D)	(D)	(D)	(D)
3559	Special industry machines, n.e.c.....	5,976	1,336	895	227	1,169	243	1,484	318
3561	Pumps and compressors.....	26,833	7,272	6,386	1,595	(D)	(D)	(D)	(D)
3564	Blowers and fans.....	8,769	1,815	(D)	(D)	6,212	1,041	509	78

See footnotes at end of table.

Metal Fabricating Establishments, by Selected Industry
State: 1963--Continued

Carbon steel--Continued						Alloy steel						Code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
17,807	2,659	(D)	(D)	(D)	(D)	3,605	1,055	5,687	2,946	940	1,461	
8,505	1,249	(D)	(D)	(D)	(D)	1,508	392	604	433	537	840	34
7,461	1,091	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3441
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	51	76	3444
3,862	633	(D)	(D)	(D)	(D)	(D)	(D)	2,918	1,694	244	310	35
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	3522
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	-	-	3537
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3553
469	82	(D)	(D)	(D)	(D)	(D)	(D)	115	62	(D)	(D)	3599
(D)	(D)	-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	36
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,638	495	(D)	(D)	37
(D)	(D)	-	-	(D)	(D)	(D)	(D)	829	302	-	-	3715
217,358	35,979	131,415	28,017	1,230,078	232,689	48,307	18,402	65,308	31,411	38,018	56,826	
1,672	403	(D)	(D)	(D)	(D)	222	235	(D)	(D)	6,221	9,759	19
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	438	1,133	1925
(D)	(D)	(D)	(D)	29,000	5,331	-	-	(D)	(D)	753	1,028	25
-	-	-	-	21,014	4,022	-	-	(D)	(D)	(D)	(D)	2514
-	-	-	-	3,295	639	-	-	-	-	-	-	2515
-	-	-	-	244	63	-	-	-	-	-	-	2522
-	-	-	-	(D)	(D)	-	-	(D)	(D)	82	162	2541
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	2542
-	-	-	-	1,052	220	-	-	-	-	(D)	(D)	2599
-	-	-	-	-	-	-	-	-	-	-	-	30
-	-	5,641	2,335	-	-	-	-	-	-	-	-	32
-	-	-	-	24,614	3,787	-	-	-	-	-	-	33
-	-	-	-	(D)	(D)	5,062	1,547	14,269	6,923	2,590	3,283	
159,742	25,236	109,849	20,955	1,078,035	202,436	18,024	4,747	13,199	5,102	10,035	13,801	34
-	-	(D)	(D)	843,430	171,325	-	-	(D)	(D)	-	-	3411
-	-	(D)	(D)	(D)	(D)	(D)	(D)	103	120	(D)	(D)	3423
-	-	3,197	828	(D)	(D)	(D)	(D)	1,534	727	1,395	1,646	3429
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3433
116,016	18,751	(D)	(D)	9,647	1,659	(D)	(D)	(D)	(D)	259	353	3441
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	225	231	3442
24,424	3,134	(D)	(D)	2,071	548	(D)	(D)	837	186	1,223	1,788	3443
9,682	1,624	(D)	(D)	1,141	285	(D)	(D)	(D)	(D)	1,373	1,656	3444
4,989	899	(D)	(D)	3,624	724	-	-	(D)	(D)	(D)	(D)	3446
2,792	422	4,777	1,054	124,270	12,682	(D)	(D)	(D)	(D)	-	-	3449
-	-	(D)	(D)	(D)	(D)	1,044	465	(D)	(D)	450	657	3451
-	-	14,917	2,806	(D)	(D)	(D)	(D)	3,774	1,873	1,055	1,960	3452
(D)	(D)	808	185	29,378	5,973	379	125	1,829	646	848	1,079	3461
(D)	(D)	76,942	14,310	3,589	749	(D)	(D)	(D)	(D)	234	455	3481
-	-	(D)	(D)	(D)	(D)	-	-	-	-	-	-	3491
(D)	(D)	-	-	2,277	782	(D)	(D)	1,304	259	1,922	2,644	3494
(D)	(D)	-	-	10,931	2,231	(D)	(D)	-	-	185	310	3498
(D)	(D)	(D)	(D)	1,891	530	-	-	(D)	(D)	400	350	3499
25,352	4,524	1,968	951	28,728	6,676	15,978	5,811	11,084	4,570	6,916	9,856	35
4,886	740	(D)	(D)	1,667	536	(D)	(D)	2,494	558	(D)	(D)	3522
3,840	610	(D)	(D)	(D)	(D)	4,700	1,159	2,173	567	(D)	(D)	3531
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3532
(D)	(D)	-	-	2,982	683	2,265	726	1,696	534	(D)	(D)	3533
(D)	(D)	-	-	1,699	462	-	-	-	-	(D)	(D)	3534
751	119	(D)	(D)	1,431	359	-	-	(D)	(D)	(D)	(D)	3535
2,496	409	-	-	(D)	(D)	-	-	(D)	(D)	-	-	3536
2,167	368	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3537
1,144	225	(D)	(D)	521	97	(D)	(D)	(D)	(D)	(D)	(D)	3541
-	-	-	-	(D)	(D)	214	84	(D)	(D)	(D)	(D)	3542
(D)	(D)	-	-	(D)	(D)	(D)	(D)	327	211	225	364	3544
(D)	(D)	(D)	(D)	267	123	731	942	(D)	(D)	-	-	3545
-	-	(D)	(D)	(D)	(D)	203	348	(D)	(D)	-	-	3551
619	149	(D)	(D)	(D)	(D)	(D)	(D)	-	-	923	1,118	3554
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-	3559
691	130	(D)	(D)	952	163	(D)	(D)	(D)	(D)	67	107	3561
(D)	(D)	-	-	11,528	2,382	1,034	431	576	346	1,324	1,504	3564
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	52	73	

TABLE 3. Consumption of Steel Mill Shapes and Forms by Groups and Industries Within

Code	Division, State, industry group and industry ¹	Total		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
	PACIFIC--Continued								
	California--Continued								
35	Machinery, except electrical--Continued								
3566	Power transmission equipment.....	5,294	1,541	2,288	524	(D)	(D)	384	92
3567	Industrial furnaces and ovens.....	5,350	1,176	(D)	(D)	1,297	243	(D)	(D)
3569	General industry machines, n.e.c.....	9,348	3,199	2,129	433	1,968	345	555	97
3571	Computing and related machines.....	1,071	548	392	167	(D)	(D)	(D)	(D)
3585	Refrigeration machinery.....	15,858	2,487	1,245	218	13,206	1,702	(D)	(D)
3589	Service industry machines, n.e.c.....	4,364	1,383	(D)	(D)	1,540	300	578	78
3599	Miscellaneous machinery.....	20,506	6,352	6,790	1,490	2,768	599	4,954	947
36	Electrical machinery.....	234,371	48,112	15,278	2,927	188,798	31,234	3,562	623
3611	Electric measuring instruments.....	954	912	(D)	(D)	364	126	(D)	(D)
3612	Transformers.....	9,221	2,875	(D)	(D)	4,545	1,098	(D)	(D)
3613	Switchgear and switchboards.....	18,302	3,306	(D)	(D)	15,898	2,805	1,570	289
3621	Motors and generators.....	11,646	3,564	2,903	515	6,813	1,881	-	-
3623	Electric welding apparatus.....	3,892	1,092	(D)	(D)	(D)	(D)	-	-
3631	Household cooking equipment.....	31,700	5,506	(D)	(D)	30,116	5,036	-	-
3634	Electric housewares and fans.....	5,983	1,593	-	-	5,722	1,150	-	-
3639	Household appliances, n.e.c.....	38,753	5,860	-	-	36,617	5,444	(D)	(D)
3642	Lighting fixtures.....	35,322	6,126	975	154	30,491	4,926	(D)	(D)
3644	Noncurrent carrying devices.....	58,822	8,459	8,522	1,184	48,222	6,282	-	-
3662	Radio, TV communications equipment....	5,482	2,454	1,249	408	3,154	743	-	-
3673	Electron tubes, transmitting.....	209	491	(D)	(D)	(D)	(D)	-	-
3679	Electronic components, n.e.c.....	9,666	3,059	(D)	(D)	(D)	(D)	(D)	(D)
37	Transportation equipment.....	219,222	60,629	27,319	5,546	43,087	8,267	75,399	11,586
3713	Truck and bus bodies.....	9,185	1,740	1,143	217	4,646	773	1,888	293
3715	Truck trailers.....	11,904	2,037	766	153	4,170	699	5,006	554
3717	Motor vehicles and parts.....	45,519	8,596	10,046	1,783	16,047	2,796	4,854	907
3721	Aircraft.....	16,502	10,159	1,466	521	4,567	1,257	1,353	316
3722	Aircraft engines and parts.....	7,992	7,966	(D)	(D)	(D)	(D)	(D)	(D)
3729	Aircraft equipment, n.e.c.....	23,922	12,190	4,229	1,224	3,902	994	4,300	949
3731	Ship building and repairing.....	77,083	12,571	5,332	825	(D)	(D)	57,105	8,407
3791	Trailer coaches.....	13,919	2,788	1,786	309	(D)	(D)	-	-
3799	Transportation equipment, n.e.c.....	7,748	1,404	1,967	371	2,425	393	(D)	(D)
38	Instruments and related products.....	5,436	4,449	699	925	(D)	(D)	(D)	(D)
3821	Mechanical measuring devices.....	2,523	932	(D)	(D)	(D)	(D)	(D)	(D)
39	Miscellaneous manufacturing.....	14,912	3,905	(D)	(D)	(D)	(D)	-	-
3949	Sporting and athletic goods.....	5,152	1,323	-	-	-	-	-	-
	Alaska.....	(D)	(D)	(D)	(D)	(D)	(D)	-	-
	Hawaii.....	(D)	(D)	(D)	(D)	(D)	(D)	1,316	216

Note: Data are limited to the "Metal fabricating industries." This includes establishments whose primary activity is the manufacture of products fabricated beyond the metal mill or foundry level. In addition to the consumption of steel by these establishments, a total of 3,364,261 short tons was produced by metal mills and consumed in the same establishments in the manufacture of fabricated products and in maintenance operations.

- Represents zero.

(D) Withheld to avoid disclosing the operations of individual companies.

(NA) Not available.

¹Data are published for selected industries only in the following industry groups:

19 Ordnance and accessories
25 Furniture and fixtures
30 Rubber and plastics products, n.e.c.
32 Stone, clay, and glass products
33 Primary metal industries
34 Fabricated metal products

35 Machinery, except electrical
36 Electrical machinery
37 Transportation equipment
38 Instruments and related products
39 Miscellaneous manufacturing

No data are available for industries in other industry groups. Within each State an entry is shown for each industry group listed above for which consumption data were publishable. In addition, consumption was reported in selected industry groups within States which were not publishable,

Metal Fabricating Establishments, by Selected Industry

State: 1963--Continued

Carbon steel--Continued						Alloy steel						Code
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
(D)	(D)	(D)	(D)	(D)	(D)	2,089	588	(D)	(D)	88	164	35
741	144	-	-	(D)	(D)	(D)	(D)	(D)	(D)	75	125	3566
(D)	(D)	(D)	(D)	1,205	297	(D)	(D)	(D)	(D)	909	1,511	3567
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3569
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	358	372	3571
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	342	423	3585
1,425	276	213	139	1,297	312	1,655	703	658	442	746	1,444	3589
2,265	658	8,561	1,932	5,907	2,311	394	198	7,657	5,219	1,949	3,010	3599
(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	80	135	36
374	87	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3611
483	110	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	3612
-	-	(D)	(D)	-	-	-	-	-	-	(D)	(D)	3613
(D)	(D)	735	142	(D)	(D)	-	-	1,373	788	(D)	(D)	3621
(D)	(D)	(D)	(D)	-	-	-	-	-	-	(D)	(D)	3622
-	-	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	3623
-	-	-	-	(D)	(D)	-	-	-	-	(D)	(D)	3631
(D)	(D)	331	132	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3633
-	-	(D)	(D)	863	473	-	-	(D)	(D)	39	53	3634
(D)	(D)	(D)	(D)	(D)	(D)	285	102	51	70	452	775	3639
(D)	(D)	-	-	-	-	(D)	(D)	(D)	(D)	64	367	3642
(D)	(D)	5,117	340	455	362	(D)	(D)	1,729	1,273	267	474	3644
28,084	5,074	5,036	1,302	12,979	3,113	8,400	5,651	10,883	5,887	8,035	14,203	3662
873	156	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	162	204	3673
1,527	301	-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	37
5,770	993	(D)	(D)	4,544	853	983	238	1,656	576	(D)	(D)	3713
1,377	535	(D)	(D)	(D)	(D)	3,260	2,961	1,730	1,603	1,124	2,329	3715
(D)	(D)	(D)	(D)	(D)	(D)	1,759	1,071	(D)	(D)	(D)	(D)	3717
1,834	505	(D)	(D)	1,818	113	2,139	1,279	(D)	(D)	(D)	(D)	3721
8,377	1,374	(D)	(D)	3,250	961	-	-	57	64	138	222	3722
6,058	836	-	-	(D)	(D)	-	-	3,694	1,117	-	-	3729
1,855	303	(D)	(D)	(D)	(D)	-	-	-	-	-	-	3731
(D)	(D)	(D)	(D)	236	191	227	213	518	519	439	834	3791
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	138	261	3799
-	-	-	-	12,010	2,343	-	-	1,719	489	1,080	1,052	38
-	-	-	-	4,995	957	-	-	(D)	(D)	(D)	(D)	3821
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	39
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3949

either (a) because they totaled less than \$500 thousand, or (b) because the totals could not be shown without approximating the operation of individual companies. The industry groups within States with such nonpublishable consumption totals are as follows:

State	Industry group	State	Industry group	State	Industry group
Maine.....	19, 25, 32, 36, 37, and 39	South Dakota..	32 and 37	Arkansas.....	30, 36, and 39
New Hampshire	25, 32, 33, 38, and 39	Nebraska.....	19, 25, 30, 32, 36, 38, and 39	Louisiana....	19, 25, 36, and 39
Vermont.....	30, 32, 36, 37, 38, and 39	Kansas.....	25, 30, 32, 36, 38, and 39	Oklahoma....	30, 36, 38, and 39
Massachusetts	30 and 32	Delaware.....	25, 30, 32, 36, and 37	Texas.....	19, 30, and 38
Rhode Island.	25, 30, 32, and 38	Maryland.....	19, 30, 33, 38, and 39	Montana.....	32, 38, and 39
Connecticut..	30 and 32	District of		Idaho.....	32, 38, 39, and 39
New York.....	30 and 32	Columbia.....	32, 35, 36, and 37	Wyoming.....	32, 34, 39, and 39
New Jersey...	19 and 32	Virginia.....	37, 38, and 39	Colorado....	19, 25, 30, 36, 38, and 39
Ohio.....	19 and 32	West Virginia.	25, 32, 33, 36, 37, 38, and 39	New Mexico...	19, 30, 36, 37, and 39
Indiana.....	19, 30, and 32	North Carolina	19, 30, 32, and 38	Arizona.....	19, 25, 36, and 39
Illinois.....	19, 30, and 32	South Carolina	32, 36, 37, 38, and 39	Utah.....	25, 30, 32, and 39
Michigan.....	19 and 30	Georgia.....	19, 32, 38, and 39	Nevada.....	32, 34, 39, and 39
Wisconsin...	19, 30, and 32	Florida.....	19 and 38	Washington...	19, 25, 33, 36, 38, and 39
Minnesota....	19, 30, 32, 33, and 38	Kentucky.....	30, 32, 38, and 39	Oregon.....	25, 32, 38, and 39
Iowa.....	19, 30, 32, 33, 38, and 39	Tennessee....	19, 30, 33, and 38	Alaska.....	32 and 34
Missouri.....	19, 32, and 39	Alabama.....	19, 30, 32, and 39	Hawaii.....	30, 36, 38, 39, and 39
North Dakota.	32 and 34	Mississippi...	30 and 32		

²See footnote 2, table 1.

³Between \$50 thousand and \$99 thousand.

⁴Less than \$50 thousand.

Footnote continued on next page.

TABLE 3. Consumption of Steel Mill Shapes and Forms by Groups and Industries Within

FOOTNOTES FOR TABLE 3--Continued

For selected industries within State, data are available on the quantity and cost of total steel consumed, but no detail information by shape or grade is available. Such data are as follows (in geographic order):

Code	State and industry	Quantity (short tons)	Delivered cost (\$1,000)	Code	State and industry	Quantity (short tons)	Delivered cost (\$1,000)
3545	Vermont: Machine tool accessories.....	1,558	1,117	3631	Ohio--Continued Household cooking equipment.....	23,707	3,961
2515	Massachusetts: Mattresses and bedsprings.....	1,680	365	3662	Radio, TV communications equipment.....	360	201
2542	Metal partitions and fixtures.....	5,079	933	3679	Electronic components, n.e.c.....	13,792	5,741
3446	Architectural metalwork.....	4,144	642	3732	Boat building and repairing.....	446	111
3534	Elevators and moving stairways.....	735	170	3791	Trailer coaches.....	1,408	209
3643	Current carrying devices.....	327	110	3811	Scientific instruments.....	500	198
3644	Noncurrent carrying devices.....	942	164	3821	Mechanical measuring devices.....	3,866	1,956
3799	Transportation equipment, n.e.c.....	773	132	3822	Automatic temperature controls.....	3,342	1,059
3941	Games and toys.....	935	290	3949	Sporting and athletic goods.....	5,736	1,820
3949	Sporting and athletic goods.....	1,681	414		Indiana: Metal household furniture.....	46,445	7,098
3544	Rhode Island: Special dies and tools.....	955	191	2522	Metal office furniture.....	6,547	1,171
3421	Connecticut: Cutlery.....	6,044	2,485	2542	Metal partitions and fixtures.....	21,875	3,918
3442	Metal doors, sash, and trim.....	5,952	916	3499	Fabricated metal products, n.e.c.....	14,169	2,320
3511	Steam engines and turbines.....	519	355	3534	Elevators and moving stairways.....	6,566	1,400
3548	Metalworking machinery, n.e.c.....	1,089	795	3535	Conveyors.....	1,004	192
3555	Printing trades machinery.....	871	353	3643	Current carrying devices.....	1,333	299
3566	Power transmission equipment.....	1,077	325		Illinois: Mattresses and bedsprings.....	6,047	1,118
3662	Radio, TV communications equipment.....	580	315	3498	Fabricated pipe and fittings.....	19,152	2,770
3821	Mechanical measuring devices.....	1,866	1,378	3532	Mining machinery and equipment.....	7,698	1,584
3949	Sporting and athletic goods.....	5,262	1,274	3534	Elevators and moving stairways.....	1,649	333
	New York: Miscellaneous metalwork, n.e.c.....	24,380	3,286	3553	Woodworking machinery.....	1,907	405
3549	Elevators and moving stairways.....	10,259	1,911	3611	Electric measuring instruments.....	1,451	468
3545	Machine tool accessories.....	858	1,479	3612	Transformers.....	45,167	10,079
3567	Industrial furnaces and ovens.....	573	160	3964	Needles, pins, and fasteners.....	1,217	442
3611	Electric measuring instruments.....	371	159		Michigan: Metal household furniture.....	10,426	2,193
3799	Transportation equipment, n.e.c.....	3,444	608	2541	Wood partitions and fixtures.....	1,304	529
3811	Scientific instruments.....	5,859	984	3449	Miscellaneous metalwork, n.e.c.....	26,989	3,078
3963	Buttons.....	627	337	3532	Mining machinery and equipment.....	422	159
	New Jersey: Metal household furniture.....	2,675	1,264	3565	Industrial patterns.....	523	150
3411	Metal cans.....	431,632	87,732	3622	Industrial controls.....	1,796	322
3522	Farm machinery and equipment.....	2,520	547	3642	Lighting fixtures.....	1,029	453
3541	Metal-cutting machine tools.....	585	130	3679	Electronic components, n.e.c.....	2,592	823
3545	Machine tool accessories.....	383	206	3811	Scientific instruments.....	6,249	1,163
3571	Computing and related machines.....	775	205	3949	Sporting and athletic goods.....	8,655	2,370
3611	Electric measuring instruments.....	238	153		Wisconsin: Sheet metalwork.....	184,762	30,187
3613	Switchgear and switchboards.....	15,352	2,420	3442	Bolts, nuts, rivets, and washers.....	22,575	3,649
3644	Noncurrent carrying devices.....	8,684	1,444	3498	Fabricated pipe and fittings.....	10,728	2,507
3717	Motor vehicles and parts.....	2,613	493	3499	Fabricated metal products, n.e.c.....	2,836	596
3811	Scientific instruments.....	222	122	3564	Blowers and fans.....	1,479	272
3861	Photographic equipment.....	294	202	3623	Electric welding apparatus.....	48,535	7,724
3964	Needles, pins, and fasteners.....	1,680	606	3632	Household refrigerators.....	5,081	858
3999	Miscellaneous products, n.e.c.....	2,204	1,115	3639	Household appliances, n.e.c.....	19,606	3,716
	Pennsylvania: Ammunition, n.e.c.....	14,153	2,333	3662	Radio, TV communications equipment.....	1,054	346
2531	Public building furniture.....	3,302	1,358	3999	Miscellaneous products, n.e.c.....	529	211
2541	Wood partitions and fixtures.....	455	200		Minnesota: Special industry machines, n.e.c.....	931	213
3425	Handsaws and saw blades.....	1,140	541	3561	Pumps and compressors.....	275	101
3491	Metal barrels, drums, and pails.....	35,014	4,944	3564	Blowers and fans.....	2,490	779
3553	Woodworking machinery.....	986	198		Iowa: Screw machine products.....	684	206
3555	Printing trades machinery.....	1,727	947	3451	Pumps and compressors.....	1,379	314
3581	Automatic vending machines.....	733	204	3566	Power transmission equipment.....	3,605	726
3643	Current carrying devices.....	511	161	3713	Truck and bus bodies.....	3,977	624
3662	Radio, TV communications equipment.....	1,316	651	3717	Motor vehicles and parts.....	11,340	2,359
3729	Aircraft equipment, n.e.c.....	278	366		Missouri: Metal partitions and fixtures.....	2,171	366
3799	Transportation equipment, n.e.c.....	10,246	1,563	2542	Metal cans.....	193,223	38,482
3941	Games and toys.....	10,533	2,793	3411	Metal doors, sash, and trim.....	13,167	2,406
3943	Children's vehicles.....	710	462	3446	Architectural metalwork.....	1,162	176
	Ohio: Mattresses and bedsprings.....	567	102	3532	Mining machinery and equipment.....	1,135	247
3411	Metal cans.....	208,311	42,778	3541	Metal-cutting machine tools.....	225	101
3421	Cutlery.....	3,270	1,358	3542	Metal-forming machine tools.....	890	162
3425	Handsaws and saw blades.....	315	275	3561	Pumps and compressors.....	5,151	1,009
3431	Metal plumbing fixtures.....	25,672	4,524	3729	Aircraft equipment, n.e.c.....	824	782
3432	Plumbing fittings, brass goods.....	9,274	2,775		Kansas: Hand and edge tools.....	843	267
3555	Printing trades machinery.....	2,982	890	3423	Fabricated wire products, n.e.c.....	7,862	1,493
3564	Blowers and fans.....	16,054	2,594	3535	Conveyors.....	4,151	664
3576	Scales and balances.....	5,589	1,405	3569	General industry machines, n.e.c.....	2,025	568
3582	Commercial laundry equipment.....	1,552	421	3599	Miscellaneous machinery.....	5,263	1,498
3611	Electric measuring instruments.....	1,826	278				
3612	Transformers.....	8,268	2,264				

Footnote 5 continued on next page.

Metal Fabricating Establishments, by Selected Industry

State: 1963--Continued

FOOTNOTE 5 OF TABLE 3--Continued

Code	State and industry	Quantity (short tons)	Delivered cost (\$1,000)	Code	State and industry	Quantity (short tons)	Delivered cost (\$1,000)
3443	Delaware: Boiler shop products.....	44,734	5,601	3452	Oklahoma: Bolts, nuts, rivets, and washers.....	1,200	330
2514	Maryland: Metal household furniture.....	2,583	488	3559	Special industry machines, n.e.c.....	815	211
3411	Metal cans.....	216,158	42,697				
3433	Heating equipment, except electric....	2,051	317				
3449	Miscellaneous metalwork, n.e.c.....	66,947	8,265				
2514	Virginia: Metal household furniture.....	5,042	2,203	2514	Texas: Metal household furniture.....	3,087	695
2591	Venetian blinds and shades.....	376	157	2515	Mattresses and bedsprings.....	3,250	496
3429	Hardware, n.e.c.....	1,565	320	2541	Wood partitions and fixtures.....	208	110
3446	Architectural metalwork.....	3,697	588	3411	Metal cans.....	182,362	40,515
3551	Food products machinery.....	1,090	197	3442	Metal doors, sash, and trim.....	1,643	241
				3451	Screw machine products.....	883	289
				3461	Metal stampings.....	21,498	4,201
				3491	Metal barrels, drums, and pails.....	86,435	12,289
				3499	Fabricated metal products, n.e.c.....	801	185
				3537	Industrial trucks and tractors.....	1,625	313
				3566	Power transmission equipment.....	3,640	1,056
3599	West Virginia: Miscellaneous machinery.....	940	239	3613	Switchgear and switchboards.....	4,658	735
				3642	Lighting fixtures.....	2,098	431
				3662	Radio, TV communications equipment....	455	114
3442	North Carolina: Metal doors, sash, and trim.....	504	235				
3446	Architectural metalwork.....	812	143				
3449	Miscellaneous metalwork, n.e.c.....	45,230	4,684	3444	Colorado: Sheet metalwork.....	5,342	1,086
3481	Fabricated wire products, n.e.c.....	37,137	7,557	3461	Metal stampings.....	413	277
3537	Industrial trucks and tractors.....	646	297	3531	Construction machinery.....	541	110
3679	Electronic components, n.e.c.....	643	496	3544	Special dies and tools.....	844	201
3791	Trailer coaches.....	745	135	3599	Miscellaneous machinery.....	821	300
3446	Georgia: Architectural metalwork.....	2,180	390				
3537	Industrial trucks and tractors.....	1,620	253				
3613	Switchgear and switchboards.....	6,226	909	3449	Arizona: Miscellaneous metalwork, n.e.c.....	8,029	865
3713	Truck and bus bodies.....	1,445	250	3481	Fabricated wire products, n.e.c.....	2,692	520
2514	Florida: Metal household furniture.....	588	188	3442	Utah: Metal doors, sash, and trim.....	692	152
3442	Metal doors, sash, and trim.....	1,340	422	3599	Miscellaneous machinery.....	606	195
3446	Architectural metalwork.....	1,230	253				
3544	Special dies and tools.....	478	264				
3642	Lighting fixtures.....	1,880	340				
2542	Kentucky: Metal partitions and fixtures.....	1,912	325	3429	Washington: Hardware, n.e.c.....	785	207
3446	Architectural metalwork.....	1,077	205	3442	Metal doors, sash, and trim.....	1,779	371
3551	Food products machinery.....	545	286	3481	Fabricated wire products, n.e.c.....	9,990	2,709
				3493	Steel springs.....	771	155
				3535	Conveyors.....	1,629	239
				3551	Food products machinery.....	851	167
				3585	Refrigeration machinery.....	587	317
2514	Tennessee: Metal household furniture.....	18,471	3,166				
3446	Architectural metalwork.....	1,660	328				
3544	Special dies and tools.....	647	293				
2514	Alabama: Metal household furniture.....	8,185	1,437	3429	Oregon: Hardware, n.e.c.....	10,462	537
3433	Heating equipment, except electric....	6,787	1,098	3433	Heating equipment, except electric....	1,100	184
3491	Metal barrels, drums, and pails.....	20,146	3,167	3442	Metal doors, sash, and trim.....	7,425	1,162
3599	Miscellaneous machinery.....	768	188	3443	Boiler shop products.....	22,006	2,899
				3531	Construction machinery.....	1,925	308
				3551	Food products machinery.....	494	170
				3713	Truck and bus bodies.....	3,740	644
3429	Mississippi: Hardware, n.e.c.....	3,454	735				
3634	Electric housewares and fans.....	1,856	630				
3429	Arkansas: Hardware, n.e.c.....	3,525	712	3431	California: Metal plumbing fixtures.....	707	273
3544	Special dies and tools.....	430	109	3432	Plumbing fittings, brass goods.....	520	295
3599	Miscellaneous machinery.....	2,110	307	3493	Steel springs.....	3,176	1,553
				3548	Metalworking machinery, n.e.c.....	360	197
				3555	Printing trades machinery.....	571	194
				3622	Industrial controls.....	746	443
				3643	Current carrying devices.....	1,277	366
3491	Louisiana: Metal barrels, drums, and pails.....	75,646	11,140	3651	Radio and TV receiving sets.....	751	197
3535	Conveyors.....	1,162	331	3811	Scientific instruments.....	661	747
3599	Miscellaneous machinery.....	2,666	618	3822	Automatic temperature controls.....	1,791	1,969
3732	Boat building and repairing.....	1,313	224	3999	Miscellaneous products, n.e.c.....	1,472	300

TABLE 4. Consumption of Steel Mill Shapes and Forms by Metal Fabricating

1	Division, State, and State economic area ¹	Total ²		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
1	UNITED STATES, TOTAL.....	58,113,068	10,855,519	6,001,393	1,086,465	26,088,568	4,074,695	6,137,624	912,149
2	NEW ENGLAND, TOTAL.....	1,616,346	445,987	213,043	48,458	473,020	96,295	174,927	26,131
3	Maine.....	71,740	15,967	2,906	585	8,119	2,007	7,291	1,426
4	A (Includes Portland) ⁴	49,367	10,602	653	108	(D)	(D)	2,140	609
5	2.....	3,860	684	(D)	(D)	(D)	(D)	(D)	(D)
5	3.....	4,807	1,164	(D)	(D)	(D)	(D)	(D)	(D)
7	4 (Includes Auburn and Lewiston) ⁴	13,706	3,517	(D)	(D)	(D)	(D)	(D)	(D)
8	New Hampshire.....	27,855	9,324	4,383	1,500	8,168	1,765	1,600	270
9	A (Includes Manchester) ⁴	11,045	3,947	1,815	835	3,080	601	(D)	(D)
10	1.....	5,949	1,302	(D)	(D)	1,772	271	(D)	(D)
11	2.....	10,861	4,075	(D)	(D)	3,316	893	(D)	(D)
12	Vermont.....	19,629	7,700	2,113	615	4,030	789	850	141
13	1.....	10,707	2,566	482	146	1,911	391	(D)	(D)
14	2.....	8,922	5,134	1,631	469	2,119	398	(D)	(D)
15	Massachusetts.....	809,704	217,356	130,699	27,777	188,666	40,954	100,521	14,621
16	A (Includes Springfield, Chicopee and Holyoke) ⁴	108,088	27,125	20,944	4,236	45,440	9,218	(D)	(D)
17	B (Includes Fitchburg, Leominster and Worcester) ⁴	164,833	51,653	26,895	7,438	37,121	9,214	9,444	1,780
18	C (Includes Boston, Haverhill, Lawrence, and Lowell) ⁴	393,459	103,571	37,750	8,200	79,338	17,948	60,273	8,003
19	D (Includes Brockton) ⁴	12,202	3,027	(D)	(D)	3,218	655	241	59
20	2.....	82,972	17,750	38,170	6,339	17,513	2,967	8,541	1,503
21	E (Includes Fall River and New Bedford) ⁴	48,150	14,230	(D)	(D)	6,036	952	(D)	(D)
22	1.....	63,037	17,040	7,636	1,932	17,278	3,280	1,851	285
23	Rhode Island.....	61,859	16,512	(D)	(D)	(D)	(D)	1,851	285
24	A (Includes Pawtucket, Providence, and Warwick) ⁴	1,178	528	(D)	(D)	(D)	(D)	-	-
25	1.....	624,381	178,600	65,306	16,049	246,759	47,500	62,814	9,388
26	Connecticut.....	117,423	31,660	8,037	2,063	58,392	10,433	(D)	(D)
27	A (Includes Bridgeport, Norwalk, and Stamford) ⁴	140,994	47,593	14,480	3,484	50,723	10,888	9,148	1,314
28	B (Includes Meriden, New Haven, and Waterbury) ⁴	263,657	75,856	36,324	8,560	114,356	21,467	3,683	1,286
29	C (Includes Hartford and New Britain) ⁴	27,771	10,119	2,594	1,045	9,913	2,604	(D)	(D)
30	1.....	74,536	13,372	3,871	897	13,375	2,108	(D)	(D)
31	2 (Includes Groton, New London, and Norwich) ⁴								
32	MIDDLE ATLANTIC, TOTAL.....	9,825,135	1,915,505	978,623	174,093	3,611,396	587,396	1,326,466	195,679
33	New York.....	2,821,275	580,607	377,176	69,090	1,207,661	209,668	233,707	36,380
34	A (Buffalo SMSA).....	826,416	144,681	160,159	24,283	500,949	83,767	41,620	6,058
35	B (Rochester SMSA).....	241,631	55,351	19,125	4,315	103,067	17,822	10,513	1,773
36	C (Syracuse SMSA).....	174,451	40,515	9,821	2,530	70,380	13,235	15,073	2,453
37	D (Utica-Rome SMSA).....	61,326	16,973	5,262	1,070	29,493	4,638	5,883	822
38	E (Binghamton SMSA-New York portion) (See Pennsylvania).....	19,017	4,741	6,004	1,051	2,406	451	(D)	(D)
39	F Albany-Schenectady-Troy SMSA).....	166,068	35,627	(D)	(D)	30,107	6,188	(D)	(D)
40	G (New York City SMSA).....	984,436	205,307	81,265	16,206	350,125	60,640	48,566	7,553
41	G1 (Bronx).....	122,208	23,683	3,968	596	54,804	8,691	12,322	1,617
42	G2 (Kings).....	373,732	72,285	23,647	5,085	115,432	19,699	23,046	3,612
43	G3 (Nassau).....	79,379	19,699	10,346	2,040	22,865	3,981	3,814	758
44	G4 (New York).....	35,619	10,147	2,374	713	(D)	(D)	(D)	(D)
45	G5 (Queens).....	243,527	53,807	12,116	2,539	91,797	16,442	4,781	717
46	G6 (Richmond).....	12,222	2,375	521	107	(D)	(D)	(D)	(D)
47	G7 (Rockland).....	5,554	1,344	(D)	(D)	3,153	593	-	-
48	G8 (Suffolk).....	17,675	4,854	(D)	(D)	6,431	1,389	365	140
49	G9 (Westchester).....	94,520	17,113	25,655	4,521	25,115	4,338	2,256	315

See footnotes at end of table.

Carbon steel--Continued						Alloy steel						
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
3,923,674	598,430	2,530,166	572,592	39,618,061	31,858,092	1,785,933	515,947	1,514,854	586,576	512,795	650,573	1
137,196	25,260	136,211	32,416	249,824	50,726	87,821	43,979	91,805	47,889	52,499	74,833	2
(D)	(D)	(D)	(D)	(D)	(D)	79	76	490	543	(D)	(D)	3
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	4
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	-	-	5
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	6
(D)	(D)	(D)	(D)	(D)	(D)	79	76	(D)	(D)	(D)	(D)	7
(D)	(D)	(D)	(D)	2,467	640	1,614	759	2,324	1,211	1,302	1,887	8
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	551	951	9
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	78	101	10
(D)	(D)	(D)	(D)	804	173	288	155	(D)	(D)	673	835	11
(D)	(D)	(D)	(D)	(D)	(D)	1,261	1,071	203	730	(D)	(D)	12
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	13
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	14
83,299	16,738	57,908	12,517	141,073	27,603	36,477	18,433	51,354	28,253	19,707	30,460	15
(D)	(D)	(D)	(D)	5,387	1,699	10,588	3,364	(D)	(D)	2,365	3,537	16
10,699	1,525	28,708	5,894	14,919	2,880	13,146	8,101	21,330	11,785	2,571	3,036	17
56,374	12,306	13,171	3,351	116,098	21,384	10,040	4,823	7,926	7,006	12,489	20,550	18
(D)	(D)	(D)	(D)	139	71	260	141	(D)	(D)	297	457	19
6,161	1,253	7,124	1,535	2,661	836	1,013	768	301	165	1,488	2,384	20
(D)	(D)	(D)	(D)	1,869	733	1,430	1,236	(D)	(D)	497	496	21
3,296	488	8,267	1,842	17,342	3,177	1,422	779	1,888	614	4,057	4,643	22
3,296	488	8,267	1,842	(D)	(D)	1,422	779	(D)	(D)	(D)	(D)	23
-	-	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	24
28,617	4,720	63,325	15,695	48,528	11,466	46,968	22,861	35,546	16,538	26,518	34,383	25
(D)	(D)	5,395	1,236	15,446	2,625	1,974	1,098	13,860	5,357	4,326	7,239	26
6,612	961	20,010	5,372	10,392	2,504	11,490	5,543	3,979	3,021	14,160	14,506	27
15,244	2,421	29,950	6,554	10,653	2,954	33,111	16,068	14,562	7,044	5,774	9,502	28
(D)	(D)	5,296	2,115	6,905	2,214	(D)	(D)	(D)	(D)	956	1,414	29
(D)	(D)	2,674	418	5,132	1,169	(D)	(D)	(D)	(D)	1,302	1,722	30
1,027,928	147,872	366,811	89,532	1,853,119	373,406	264,585	85,957	280,738	115,423	115,469	146,147	31
268,466	38,467	114,517	25,727	412,313	88,756	89,848</						

TABLE 4. Consumption of Steel Mill Shapes and Forms by Metal Fabricating

Division, State, and State economic area ¹	Total ²		Carbon steel					
			Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
MIDDLE ATLANTIC--Continued								
New York--Continued								
2.....	29,583	6,541	3,109	600	15,282	2,728	(D)	(D)
3.....	216,956	45,059	29,328	6,110	77,008	14,807	45,444	6,966
4.....	37,256	7,389	17,062	2,940	8,162	1,584	(D)	(D)
5.....	3,841	817	(D)	(D)	(D)	(D)	(D)	(D)
6.....	9,766	3,014	(D)	(D)	2,300	539	(D)	(D)
7.....	13,759	3,058	2,425	587	1,970	488	2,722	410
8.....	2,443	589	(D)	(D)	(D)	(D)	(D)	(D)
9.....	34,326	10,945	2,419	588	12,738	2,222	2,779	421
New Jersey.....	1,675,922	348,561	106,525	20,163	501,640	83,684	113,279	16,406
A (Allentown-Bethlehem-Easton SMSA-New Jersey portion) (See Pennsylvania).....	5,706	1,278	605	163	(D)	(D)	(D)	(D)
B (Newark SMSA).....	563,930	111,670	52,090	9,065	186,614	29,432	27,244	3,519
C (Trenton SMSA).....	128,846	26,314	2,714	552	53,730	9,188	(D)	(D)
D (Philadelphia SMSA-New Jersey portion) (See Pennsylvania).....	212,872	48,689	4,679	873	53,771	9,054	(D)	(D)
E (Atlantic City SMSA).....	1,817	380	(D)	(D)	(D)	(D)	-	-
F (Wilmington SMSA-New Jersey portion) (See Delaware and Maryland).....	6,689	1,232	(D)	(D)	4,410	779	(D)	(D)
G (Paterson-Clifton-Passaic SMSA).....	352,950	76,118	25,327	5,441	54,012	11,215	22,577	2,612
H (Jersey City SMSA).....	253,479	52,480	12,954	2,359	72,619	12,152	12,636	1,817
I.....	149,633	30,400	7,807	1,639	73,884	11,418	20,710	3,243
Pennsylvania, total.....	5,327,938	986,337	494,922	84,840	1,902,095	294,044	979,480	142,893
A (Erie SMSA).....	154,137	30,774	30,964	5,237	58,544	10,378	28,607	4,280
C (Scranton SMSA).....	78,169	13,558	12,171	1,826	47,825	7,446	6,003	825
D (Pittsburgh SMSA).....	1,633,172	281,561	179,415	28,414	602,056	91,114	217,762	30,415
E (Johnstown SMSA).....	215,911	34,208	39,022	6,968	22,340	3,608	(D)	(D)
F (Altoona SMSA).....	10,975	3,429	(D)	(D)	(D)	(D)	(D)	(D)
G (Wilkes-Barre-Hazleton SMSA).....	79,433	19,465	2,257	448	14,500	2,403	(D)	(D)
H (Harrisburg SMSA).....	224,192	40,289	14,293	2,738	27,937	5,334	(D)	(D)
J (York SMSA).....	206,441	52,331	29,009	4,584	69,944	10,950	14,696	2,376
K (Lancaster SMSA).....	111,328	21,420	8,657	1,703	49,378	7,291	7,723	1,115
L (Reading SMSA).....	205,519	29,755	3,549	749	155,127	19,699	36,298	5,589
M (Allentown-Bethlehem-Easton SMSA- Pennsylvania portion) (See New Jersey).. N (Philadelphia SMSA-Pennsylvania portion) (See New Jersey).....	175,764	28,604	22,241	3,810	14,852	2,703	22,994	3,267
O (Binghamton SMSA-Pennsylvania portion) (See New York).....	1,459,770	276,001	90,379	18,358	646,441	95,910	218,995	34,989
2.....	20,024	4,767	(D)	(D)	(D)	(D)	-	-
1.....	485,024	93,355	35,993	5,576	100,367	21,480	169,671	24,532
3.....	60,271	14,823	5,554	780	18,729	2,954	3,998	614
4.....	97,179	19,648	3,424	719	29,216	5,704	19,656	2,578
6.....	86,557	17,570	11,117	1,750	27,169	4,076	24,386	3,687
7.....	24,072	4,779	4,550	836	5,235	837	9,120	1,301
EAST NORTH CENTRAL, TOTAL.....	30,945,948	5,534,360	3,326,133	607,395	17,744,004	2,669,433	2,151,450	315,174
Ohio, total.....	8,297,374	1,512,231	733,162	136,170	4,843,728	737,654	670,843	96,726
A (Toledo SMSA-Ohio portion) (See Michigan)	420,865	72,061	51,240	9,835	307,142	46,388	19,932	2,772
B (Columbus SMSA).....	365,015	86,705	40,964	6,701	162,767	27,151	25,071	3,730
C (Dayton SMSA).....	940,143	159,482	60,796	12,459	773,999	117,333	13,687	2,204
D (Hamilton-Middletown SMSA).....	2,146,790	382,497	217,904	39,812	1,164,144	171,629	142,703	20,863
E (Cleveland SMSA).....	555,750	98,284	16,457	3,251	(D)	(D)	49,980	7,771
F (Akron SMSA).....	537,939	113,169	88,630	16,317	182,277	26,830	63,439	8,311
G (Canton SMSA).....	797,751	128,359	28,950	4,739	451,949	67,566	144,030	19,772
H (Youngstown-Warren SMSA).....	23,300	2,507	-	-	(D)	(D)	(D)	(D)
J (Steubenville-Weirton SMSA-Ohio portion) (See West Virginia).....	546,223	108,726	38,601	8,170	224,687	36,625	(D)	(D)
K (Cincinnati SMSA-Ohio portion) (See Kentucky and Indiana).....	3,736	610	(D)	(D)	(D)	(D)	953	140
L (Huntington-Ashland SMSA-Ohio portion) (See Kentucky and West Virginia).....								

See footnotes at end of table.

Establishments, by States and State Economic Areas: 1963--Continued

Carbon steel--Continued						Alloy steel						
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
1,254	248	173	67	3,149	707	916	384	(D)	(D)	326	431	1
32,453	4,616	3,846	1,164	6,736	2,138	8,160	2,249	11,361	3,581	2,620	3,428	2
(D)	(D)	(D)	(D)	851	144	132	58	(D)	(D)	655	611	3
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	4
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5
5,550	812	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	6
-	-	-	-	-	-	-	-	(D)	(D)	258	241	7
1,160	232	3,701	821	3,248	1,388	(D)	(D)	(D)	(D)	604	853	8
130,337	19,429	61,340	17,932	650,558	125,031	36,735	11,331	56,049	29,986	19,459	24,599	9
(D)	(D)	(D)	(D)	1,210	252	-	-	(D)	(D)	(D)	(D)	10
47,886	6,899	11,069	2,450	170,638	26,165	29,515	8,555	31,237	14,969	7,637	10,616	11
27,506	3,817	(D)	(D)	881	122	152	95	(D)	(D)	(D)	(D)	12
6,413	1,093	(D)	(D)	121,977	27,313	316	168	(D)	(D)	963	1,530	13
-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	14
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	15
20,144	3,385	16,074	5,384	205,816	40,885	2,049	1,152	4,081	1,917	2,870	4,127	17
13,315	1,919	2,952	1,107	123,867	24,310	(D)	(D)	(D)	(D)	2,313	2,582	18
13,315	2,058	1,282	505	24,933	5,786	693	299	4,475	2,710	2,534	2,742	19
629,125	89,976	190,954	45,873	790,248	159,619	138,002	49,371	161,535	59,738	41,577	59,983	20
10,379	1,462	3,180	1,125	12,065	2,628	2,449	680	6,263	2,437	1,686	2,547	21
5,964	871	(D)	(D)	2,484	880	(D)	(D)	566	258	651	1,002	22
222,208	32,583	53,785	9,133	268,477	52,652	35,942	8,681	48,179	20,930	5,348	7,639	23
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	135	52	(D)	(D)	24
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	25
6,265	913	(D)	(D)	11,242	2,144	5,032	1,181	3,007	1,436	913	1,253	26
16,345	2,358	575	203	(D)	(D)	(D)	(D)	(D)	(D)	165	258	27
(D)	(D)	28,891	6,402	35,237	7,067	(D)	(D)	919	1,709	5,012	6,092	28
4,203	589	12,508	1,992	24,331	5,527	550	214	(D)	(D)	(D)	(D)	29
4,663	878	1,097	450	1,432	498	596	203	1,881	477	876	1,212	30
97,496	12,747	939	242	4,738	1,065	2,221	1,035	9,004	2,393	1,279	1,342	31
146,018	20,806	41,633	12,205	232,665	42,971	23,491	7,528	43,211	16,659	16,937	26,575	32
-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	33
49,512	7,260	3,317	822	80,614	17,881	29,886	7,161	12,766	4,214	2,898	4,429	34
2,072	292	(D)	(D)	(D)	(D)	179	85	882	1,292	867	1,072	35
7,364	1,020	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,340	1,526	36
8,471	1,335	(D)	(D)	10,089	2,440	(D)	(D)	(D)	(D)	2,348	3,120	37
961	141	(D)	(D)	(D)	(D)	633	670	(D)	(D)	68	111	38
975,541	148,876	1,398,534	312,310	3,092,215	606,547	1,216,156	321,455	822,162	292,428	219,753	260,742	39
244,708	36,650	488,439	96,589	721,377	140,582	248,362	77,195	278,891	105,283	67,864	85,382	40
9,847	1,526	1,913	497	9,945	2,503	16,097	3,420	2,550	799	2,199	4,321	41
10,150	1,465	(D)	(D)	13,747	3,061	14,174	4,719	(D)	(D)	11,360	11,299	42
11,412	1,745	35,394	6,209	20,129	4,532	9,825	2,957	7,188	3,075	7,713	8,968	43
38,943	6,409	287,326	49,912	164,611	32,560	53,788	17,210	58,965	22,364	18,406	21,738	44
13,728	2,288	43,437	10,842	20,920	5,415	5,493	1,750	(D)	(D)	1,301	1,655	45
26,037	3,900	16,751	4,500	(D)	(D)	71,716	20,039	(D)	(D)	3,931	4,712	46
73,632	10,196	13,246	2,460	76,217	12,324	(D)	(D)	3,708	897	(D)	(D)	47
(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	48
13,401	2,167	13,526	3,004	204,014	36,240	7,108	3,605	(D)	(D)	3,970	6,818	49
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	50

See footnotes at end of table.

TABLE 4. Consumption of Steel Mill Shapes and Forms by Metal Fabricating

Division, State, and State economic area ¹	Total ²		Carbon steel					
			Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
EAST NORTH CENTRAL--Continued								
Ohio--Continued								
1 M (Lorain-Elyria SMSA).....	133,297	27,356	14,645	3,030	65,953	10,178	16,345	1,902
2 N (Springfield SMSA).....	108,480	19,043	14,489	2,891	73,799	11,762	7,003	1,083
3 P (Wheeling SMSA-Ohio portion) (See West Virginia).....	71,493	10,891	(D)	(D)	52,687	8,625	(D)	(D)
4 R (Lima SMSA).....	66,029	13,966	5,940	1,523	34,436	6,531	(D)	(D)
5 1.....	266,254	49,947	29,678	5,217	120,986	18,699	17,192	2,390
6 2.....	314,339	59,209	46,395	8,455	121,605	19,051	51,756	7,785
7 3.....	108,317	21,006	11,453	2,197	76,039	14,205	(D)	(D)
8 4.....	563,722	95,178	9,502	2,617	506,537	75,548	6,796	1,217
9 5.....	99,986	17,696	11,888	1,858	46,471	7,023	23,724	3,324
10 6.....	172,674	35,951	33,543	5,249	47,870	9,960	28,236	4,923
11 7.....	55,271	9,588	(D)	(D)	32,459	5,205	(D)	(D)
12 8.....								
13 Indiana.....	3,659,191	664,298	426,166	78,336	2,017,021	320,089	276,300	40,378
14 A (Gary-Hammond-East Chicago SMSA).....	650,798	116,671	66,221	10,620	223,377	34,126	130,762	18,704
15 B (South Bend SMSA).....	245,982	40,769	39,963	6,793	160,836	24,136	17,649	2,440
16 C (Fort Wayne SMSA).....	161,855	34,325	24,243	4,074	(D)	(D)	8,790	1,309
17 D (Indianapolis SMSA).....	601,637	113,676	54,316	10,629	385,907	63,700	22,847	3,447
18 E (Evansville SMSA-Indiana portion) (See Kentucky).....	217,233	36,719	8,431	1,460	(D)	(D)	9,529	1,412
19 F (Louisville SMSA-Indiana portion) (See Kentucky).....	7,920	1,420	435	99	5,971	1,078	(D)	(D)
20 G (Anderson SMSA).....	201,935	34,113	(D)	(D)	(D)	(D)	(D)	(D)
21 H (Muncie SMSA).....	122,412	28,500	49,033	10,933	12,754	2,035	(D)	(D)
22 J (Terre Haute SMSA).....	45,232	7,115	791	125	(D)	(D)	(D)	(D)
23 K (Cincinnati SMSA-Indiana portion) (See Ohio and Kentucky).....	109,516	19,829	2,665	423	61,304	11,006	6,303	940
24 8.....								
25 1.....	223,756	38,616	(D)	(D)	107,490	17,141	(D)	(D)
26 2.....	43,585	7,261	7,120	1,138	4,844	943	(D)	(D)
27 3.....	130,295	25,153	19,304	3,886	60,725	9,785	1,060	176
28 4.....	638,273	107,285	52,196	11,385	535,322	82,468	5,568	806
29 5.....	107,727	21,392	9,991	1,785	59,208	10,751	(D)	(D)
30 6.....	38,296	6,585	1,157	243	12,460	2,118	(D)	(D)
31 7.....	30,966	4,885	612	129	18,210	2,951	(D)	(D)
32 9.....	81,773	19,984	4,247	1,025	33,761	5,298	1,604	347
33 Illinois.....	6,733,554	1,232,753	833,709	148,418	2,996,222	460,766	559,358	81,117
34 A (Davenport-Rock Island-Moline SMSA- Illinois portion) (See Iowa).....	284,745	45,543	99,879	15,018	106,061	14,617	28,277	4,477
35 B (Rockford SMSA).....	316,447	65,656	77,830	14,725	107,465	16,946	7,714	1,286
36 C (Chicago SMSA).....	4,770,617	887,397	450,256	85,000	2,182,251	337,745	330,129	47,794
37 C1 (Cook County).....	4,212,060	786,948	368,638	71,665	1,991,178	307,728	240,427	34,662
38 C2 (Du Page County).....								
39 C3 (Kane County).....	558,557	100,449	81,618	13,335	191,073	30,017	89,702	13,132
40 C4 (Lake County).....								
41 C5 (McHenry County).....								
42 C6 (Will County).....								
43 D (Peoria SMSA).....	174,196	31,076	6,842	1,085	28,642	4,465	(D)	(D)
44 E (Springfield SMSA).....	73,621	13,387	(D)	(D)	8,314	1,403	(D)	(D)
45 F (St. Louis SMSA-Illinois portion) (See Missouri).....	145,730	20,214	3,660	593	135,852	17,766	834	197
46 G (Decatur SMSA).....	63,317	10,706	(D)	(D)	4,193	602	(D)	(D)
47 H (Champaign-Urbana SMSA).....	149,930	30,984	25,386	4,978	47,161	7,526	12,091	1,921
48 6.....								
49 1.....	182,705	34,434	44,750	7,306	66,112	12,102	(D)	(D)
50 3.....	172,967	30,549	(D)	(D)	89,095	14,864	(D)	(D)
51 4.....	99,163	15,285	10,007	1,536	59,447	8,603	17,646	3,108
52 5.....	161,996	25,024	12,417	1,941	95,613	14,069	28,424	3,830
53 7.....	75,039	11,828	(D)	(D)	38,021	5,736	(D)	(D)
54 8.....	24,479	4,016	706	166	(D)	(D)	(D)	(D)
55 9.....	4,508	1,068	(D)	(D)	(D)	(D)	(D)	(D)
56 10.....	34,094	5,586	(D)	(D)	21,937	3,299	(D)	(D)
57 11.....								

See footnotes at end of table.

Establishments, by States and State Economic Areas: 1963--Continued

Carbon steel--Continued						Alloy steel					
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)	
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
(D)	(D)	7,059	1,708	13,278	2,690	5,451	1,060	(D)	(D)	5,706	5,833
1,417	239	1,182	290	4,188	861	2,060	953	(D)	(D)	(D)	(D)
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-
1,127	175	(D)	(D)	10,820	2,551	1,611	488	(D)	(D)	332	395
1,992	319	1,341	265	83,753	18,176	7,085	735	(D)	(D)	(D)	(D)
16,767	2,484	4,705	2,673	22,211	4,629	(D)	(D)	(D)	(D)	260	407
(D)	(D)	(D)	(D)	1,126	276	1,713	646	(D)	(D)	562	593
4,027	623	2,924	897	(D)	(D)	(D)	(D)	6,592	1,627	3,565	3,659
966	158	4,029	1,110	10,464	2,780	1,479	609	352	81	613	753
9,817	1,380	7,025	1,396	7,464	1,972	5,233	1,563	(D)	(D)	(D)	(D)
788	134	(D)	(D)	7,183	1,223	(D)	(D)	293	238	110	162
175,588	25,045	114,765	25,451	347,506	68,944	171,524	40,662	105,915	39,995	24,406	25,398
67,001	9,127	(D)	(D)	104,499	19,964	9,292	3,215	33,106	13,199	(D)	(D)
12,175	1,724	(D)	(D)	(D)	(D)	5,024	2,024	3,302	1,543	293	370
7,387	1,030	(D)	(D)	(D)	(D)	(D)	(D)	14,259	5,392	(D)	(D)
18,333	2,681	(D)	(D)	(D)	(D)	37,044	9,557	9,695	4,787	4,523	5,814
25,997	3,803	3,836	873	14,360	3,449	703	245	(D)	(D)	(D)	(D)
(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)
(D)	(D)	7,646	2,370	(D)	(D)	(D)	(D)	704	264	(D)	(D)
362	62	(D)	(D)	(D)	(D)	42,001	9,166	(D)	(D)	(D)	(D)
(D)	(D)	(D)	(D)	5,646	977	(D)	(D)	(D)	(D)	(D)	(D)
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	662	627
27,305	4,154	4,581	832	13,275	3,051	2,086	528	8,597	2,534	1,354	1,428
(D)	(D)	3,635	1,036	13,755	2,992	(D)	(D)	(D)	(D)	165	239
320	58	16,957	3,309	8,610	1,501	(D)	(D)	3,301	850	(D)	(D)
504	141	10,672	3,239	15,022	2,671	(D)	(D)	(D)	(D)	1,491	1,706
(D)	(D)	(D)	(D)	(D)	(D)	154	161	(D)	(D)	(D)	(D)
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-
3,862	497	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-
355	54	(D)	(D)	9,238	2,811	12,608	2,626	(D)	(D)	532	725
270,944	40,515	378,735	90,557	1,262,119	248,665	155,154	44,874	234,810	63,427	42,503	54,414
16,268	2,319	(D)	(D)	24,337	5,925	2,191	490	(D)	(D)	627	1,289
2,607	601	65,896	15,298	35,390	7,482	9,603	2,815	6,243	2,070	3,699	4,433
161,401	23,781	252,854	60,819	1,044,137	202,458	119,266	35,076	197,500	52,940	32,823	41,784
143,878	20,951	208,782	50,645	949,956	187,011	105,436	30,429	174,506	46,473	29,259	37,384
17,523	2,830	44,072	10,174	94,181	15,447	13,830	4,647	22,994	6,467	3,564	4,400
4,099	669	30,128	6,460	(D)	(D)	(D)	(D)	7,685	1,867	338	402
(D)	(D)	220	59	(D)	(D)	(D)	(D)	(D)	(D)	209	275
(D)	(D)	(D)	(D)	318	78	279	377	(D)	(D)	(D)	(D)
(D)	(D)	(D)	(D)	727	177	(D)	(D)	(D)	(D)	828	1,129
4,800	967	4,793	1,579	36,422	6,868	71.5	571	16,530	3,886	2,032	2,688
(D)	(D)	9,534	2,216	50,910	10,379	1,981	412	306	142	495	618
(D)	(D)	3,182	1,483	(D)	(D)	(D)	(D)	(D)	(D)	1,130	1,338
9,950	1,469	(D)	(D)	1,361	279	(D)	(D)	191	71	81	103
4,777	773	2,334	512	10,903	1,975	(D)	(D)	(D)	(D)	91	131
(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
(D)	(D)	(D)	(D)	(D)	(D)	175	62	497	185	(D)	(D)

See footnotes at end of table.

TABLE 4. Consumption of Steel Mill Shapes and Forms by Metal Fabricating

Division, State, and State economic area ¹	Total ²		Carbon steel					
			Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
EAST NORTH CENTRAL--Continued								
1 Michigan.....	9,860,190	1,671,600	1,099,433	202,473	6,808,801	983,868	331,374	50,699
2 A (Saginaw SMSA).....	160,752	30,488	(D)	(D)	31,276	5,154	2,883	453
3 B (Grand Rapids SMSA).....	786,568	127,888	50,043	9,323	673,368	102,406	9,807	1,596
4 C (Muskegon-Muskegon Heights SMSA).....	55,832	14,813	6,162	1,652	20,846	3,678	10,713	1,477
5 D (Flint SMSA).....	1,979,376	320,169	141,153	30,337	(D)	(D)	9,636	1,515
6 T (Ann Arbor SMSA).....								
7 L (Toledo SMSA-Michigan portion) (See Ohio)								
8 E (Lansing SMSA).....								
9 F (Detroit SMSA).....	573,976	89,981	69,334	11,467	(D)	(D)	27,758	4,306
10 F (Detroit SMSA), total.....	5,386,948	904,456	612,904	108,568	3,630,859	511,737	215,629	32,779
11 F1 (Wayne county).....	4,022,345	665,395	474,401	79,805	2,675,850	373,693	144,760	21,485
12 F2 (Macomb county).....	1,364,603	239,061	138,503	28,763	955,009	138,044	70,869	11,294
13 F3 (Oakland county).....								
14 G (Kalamazoo SMSA).....	63,114	12,860	5,506	1,265	38,697	6,610	2,061	352
15 H (Jackson SMSA).....	205,486	37,204	38,957	6,467	106,482	18,189	3,767	571
16 K (Bay City SMSA).....	53,151	11,813	(D)	(D)	13,687	2,255	(D)	(D)
17 1.....	25,931	4,631	2,284	445	2,099	371	7,158	1,210
18 2.....	17,258	2,875	905	177	7,669	1,242	(D)	(D)
19 3.....	7,696	2,331	927	195	1,116	180	436	84
20 4.....	37,887	8,376	2,992	1,155	23,983	3,854	2,568	398
21 5.....	80,527	14,371	11,114	2,081	56,167	8,702	995	154
22 6.....	174,092	31,428	33,206	6,054	83,388	13,128	(D)	(D)
23 8.....	28,029	5,093	1,918	648	(D)	(D)	3,422	603
24 9.....	223,567	52,823	31,798	6,317	82,707	12,372	13,840	1,748
25 Wisconsin.....	2,395,639	453,478	233,663	41,998	1,078,232	167,056	313,575	46,254
26 A (Duluth-Superior SMSA-Wisconsin portion) (See Minnesota).....	2,352	352	(D)	(D)	(D)	(D)	(D)	(D)
27 B (Madison SMSA).....	19,878	3,425	902	147	11,640	2,122	1,203	170
28 C (Milwaukee SMSA).....	1,615,712	283,605	110,648	20,274	730,057	111,353	238,951	35,020
29 D (Racine SMSA).....	91,089	17,183	27,380	4,822	30,047	4,816	3,049	456
30 F (Kenosha SMSA).....	284,047	65,442	36,145	6,113	174,082	26,861	16,082	2,108
31 3.....								
32 8.....								
33 G (Green Bay SMSA).....								
34 1.....	59,784	10,566	7,892	1,316	17,588	2,579	5,612	787
35 2.....	5,797	2,799	339	54	754	153	(D)	(D)
36 4.....	62,380	11,398	13,734	2,103	25,785	4,107	(D)	(D)
37 5.....	58,569	11,773	5,601	1,083	15,036	2,736	10,927	1,876
38 6.....	4,663	1,060	(D)	(D)	(D)	(D)	(D)	(D)
39 7.....	25,010	6,126	3,999	584	4,624	719	6,215	968
40 WEST NORTH CENTRAL, TOTAL.....	3,047,335	571,507	388,265	67,909	1,041,782	177,850	405,369	59,580
41 Minnesota.....	616,543	122,215	84,841	14,374	185,477	32,849	54,793	8,764
42 A (Duluth-Superior SMSA-Minnesota portion) (See Wisconsin).....	16,379	2,528	4,626	686	412	76	1,634	315
43 B (Minneapolis-St. Paul SMSA).....	449,328	88,361	69,207	11,459	140,318	25,022	47,705	7,633
44 C (Fargo-Moorhead SMSA-Minnesota portion) (See North Dakota).....	2,829	561	906	170	1,690	348	(D)	(D)
45 1.....								
46 2.....								
47 3.....								
48 4.....	1,610	530	(D)	(D)	741	147	(D)	(D)
49 5.....	1,916	443	721	158	752	183	-	-
50 6.....	71,928	14,970	5,494	1,104	28,357	4,801	3,073	396
51 7.....	65,855	13,371	(D)	(D)	10,462	1,754	(D)	(D)
52 8.....	6,698	1,451	1,749	377	2,745	518	(D)	(D)

See footnotes end of table.

Establishments, by States and State Economic Areas: 1963--Continued

Carbon steel--Continued						Alloy steel						
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
185,055	28,773	349,633	86,804	354,385	74,985	559,452	137,892	122,521	56,142	49,536	49,964	1
3,527	753	(D)	(D)	4,852	1,382	(D)	(D)	217	81	489	428	2
5,945	866	23,439	5,677	14,147	2,821	5,410	1,645	1,523	625	2,886	2,929	3
(D)	(D)	5,628	3,261	3,330	861	1,962	828	(D)	(D)	608	1,052	4
20,373	3,023	26,216	7,715	14,359	4,066	(D)	(D)	8,615	3,406	4,069	4,303	5
10,439	1,596	(D)	(D)	5,377	1,179	82,672	15,931	2,477	638	602	720	6
92,840	14,141	213,578	50,517	219,280	44,132	281,060	72,614	93,704	44,837	27,094	25,131	7
52,153	7,821	140,754	35,998	191,987	37,245	255,530	58,702	69,570	35,455	17,340	15,191	8
40,687	6,320	72,824	14,519	27,293	6,887	25,530	13,912	24,134	9,382	9,754	9,940	9
1,532	257	(D)	(D)	4,902	1,460	167	103	(D)	(D)	489	638	10
567	119	7,210	1,715	(D)	(D)	19,888	4,183	(D)	(D)	(D)	(D)	11
(D)	(D)	175	71	(D)	(D)	(D)	(D)	(D)	(D)	559	580	12
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	13
824	141	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	14
(D)	(D)	(D)	(D)	493	181	740	259	(D)	(D)	72	134	15
1,030	223	3,449	753	914	154	(D)	(D)	(D)	(D)	1,161	1,208	16
7,944	1,158	(D)	(D)	2,198	500	163	87	(D)	(D)	(D)	(D)	17
(D)	(D)	1,807	363	30,388	6,602	4,730	993	1,622	576	705	852	18
(D)	(D)	(D)	(D)	(D)	(D)	1,076	586	(D)	(D)	91	102	19
5,711	1,020	53,713	13,498	24,017	6,977	2,613	1,543	2,020	1,023	7,148	8,325	20
99,246	17,893	66,962	12,909	406,828	73,371	81,664	20,832	80,025	27,581	35,444	45,584	21
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	22
(D)	(D)	(D)	(D)	1,031	178	184	51	(D)	(D)	(D)	(D)	23
55,584	11,271	52,838	8,977	313,177	52,967	42,730	11,123	62,469	21,024	9,258	11,596	24
5,492	865	(D)	(D)	10,537	2,269	12,581	2,312	(D)	(D)	1,566	1,401	25
5,256	844	2,893	730	(D)	(D)	(D)	(D)	1,908	937	12,996	18,985	26
6,969	999	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	27
477	82	(D)	(D)	406	111	(D)	(D)	-	-	(D)	(D)	28
4,057	623	482	139	(D)	(D)	(D)	(D)	2,247	479	1,097	1,282	29
11,300	1,618	(D)	(D)	6,745	985	(D)	(D)	(D)	(D)	321	488	30
-	-	-	-	(D)	(D)	-	-	-	-	(D)	(D)	31
640	103	187	127	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	32
5,076	861	4,652	1,182	28,324	6,705	3,744	1,023	6,259	2,762	7,274	7,812	33
313,489	48,566	129,143	31,604	657,922	125,659	31,611	9,472	54,977	20,129	24,777	30,738	34
54,182	7,921	18,988	4,453	199,711	39,117	6,792	3,102	3,709	1,345	8,050	10,290	35
(D)	(D)	(D)	(D)	(D)	(D)	799	168	(D)	(D)	(D)	(D)	36
46,068	6,726	10,181	2,572	121,791	22,845	4,415	2,341	3,195	1,055	6,448	8,708	37
(D)	(D)	-	-	(D)	(D)	-	-	-	-	(D)	(D)	38
(D)	(D)	-	-	(D)	(D)	-	-	-	-	(D)	(D)	39
(D)	(D)	-	-	(D)	(D)	-	-	-	-	(D)	(D)	40
830	118	8,261	1,447	(D)	(D)	1,146	353	(D)	(D)	178	245	41
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	42
(D)	(D)	(D)	(D)	392	66	(D)	(D)	-	-	-	-	43

TABLE 4. Consumption of Steel Mill Shapes and Forms by Metal Fabricating

Division, State, and State economic area ¹	Total ²		Carbon steel					
			Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
WEST NORTH CENTRAL--Continued								
1 Iowa.....	724,423	123,069	164,095	27,293	280,768	45,220	97,166	14,114
2 A (Sioux City SMSA).....	17,396	3,337	6,924	1,436	3,530	634	1,907	296
3 B (Omaha SMSA-Iowa portion) (See Nebraska).....	39,446	6,270	7,007	1,204	13,638	2,230	8,767	1,241
4 1.....	157,101	23,909	42,772	5,966	38,616	5,860	30,880	4,537
5 C (Des Moines SMSA).....	44,637	7,718	6,439	1,118	27,231	4,365	3,189	485
6 D (Davenport-Rock Island-Moline SMSA-Iowa portion) (See Illinois).....	98,074	16,590	36,467	6,214	40,690	6,441	2,835	447
7 E (Waterloo SMSA).....	57,118	11,831	10,905	2,026	7,349	1,180	(D)	(D)
8 F (Cedar Rapids SMSA).....	29,229	4,922	12,785	2,136	7,141	1,106	2,440	333
9 G (Dubuque SMSA).....	37,220	6,318	(D)	(D)	22,567	3,810	1,826	284
10 2.....	43,432	7,829	10,007	1,736	16,609	2,453	3,581	492
11 3.....	22,160	4,115	(D)	(D)	9,589	1,828	3,921	652
12 4.....	97,228	16,328	7,331	1,407	80,442	13,071	2,311	337
13 5.....	81,382	13,902	12,859	2,139	13,366	2,242	(D)	(D)
14 6.....								
15 Missouri.....	1,117,848	218,605	86,185	16,757	380,013	65,616	173,362	24,689
16 A (Kansas City SMSA-Missouri portion) (See Kansas).....	176,275	37,411	8,722	1,702	82,783	14,426	11,606	1,894
17 B (St. Louis SMSA-Missouri portion) (See Illinois).....	729,503	137,983	52,453	10,171	207,620	36,604	155,528	21,834
18 C (Springfield SMSA).....	21,229	5,394	5,487	975	7,318	1,188	1,536	230
19 D (St. Joseph SMSA).....	22,721	6,655	2,276	371	517	103	(D)	(D)
20 1.....	2,977	694	(D)	(D)	(D)	(D)	-	-
21 2.....	54,521	9,728	11,240	2,447	29,268	4,688	(D)	(D)
22 3.....								
23 7.....	43,382	7,313	(D)	(D)	(D)	(D)	(D)	(D)
24 8.....								
25 9.....								
26 4.....	45,043	10,000	1,717	396	2,869	473	1,252	186
27 5.....	1,452	249	(D)	(D)	(D)	(D)	(D)	(D)
28 6.....	20,745	3,178	(D)	(D)	(D)	(D)	(D)	(D)
29 North Dakota.....	20,311	3,483	1,779	297	4,751	747	2,657	390
30 A (Fargo-Moorhead SMSA-North Dakota portion) (See Minnesota).....	13,370	2,286	813	132	1,679	270	(D)	(D)
31 1.....	6,941	1,197	966	165	3,072	477	(D)	(D)
32 2.....								
33 3.....								
34 4.....								
35 South Dakota.....	34,063	5,559	3,560	582	9,850	1,816	4,887	742
36 A (Sioux Falls SMSA).....	27,683	4,263	2,881	437	7,395	1,383	3,948	572
37 1.....	1,751	321	-	-	(D)	(D)	(D)	(D)
38 3.....								
39 4.....	3,438	716	(D)	(D)	(D)	(D)	(D)	(D)
40 2.....	1,191	259	(D)	(D)	(D)	(D)	(D)	(D)
41 5.....								
42 Nebraska.....	274,254	50,517	21,275	3,752	101,618	17,185	23,268	3,470
43 A (Lincoln SMSA).....	44,014	6,451	2,909	565	4,205	675	9,644	1,371
44 B (Omaha SMSA-Nebraska portion) (See Iowa).....	154,470	27,891	5,343	871	55,501	8,455	12,059	1,845
45 C.....	8,138	1,543	(D)	(D)	(D)	(D)	(D)	(D)
46 6.....								
47 2.....	2,336	386	(D)	(D)	390	77	(D)	(D)
48 4.....	46,420	8,927	8,609	1,505	23,110	4,608	(D)	(D)
49 3.....	12,324	2,365	1,799	342	9,325	1,713	(D)	(D)
50 5.....	6,552	2,954	414	110	(D)	(D)	(D)	(D)
51 7.....								
52 Kansas.....	259,893	48,059	26,530	4,854	79,305	14,417	49,236	7,411
53 A (Wichita SMSA).....	60,204	12,910	3,944	877	25,310	5,206	6,730	1,060
54 B (Kansas City SMSA-Kansas portion) (See Missouri).....	82,064	12,983	6,789	1,058	19,170	2,951	17,486	2,484
55 C (Topeka SMSA).....	14,377	3,850	884	204	(D)	(D)	1,049	258

See footnotes at end of table.

Carbon steel--Continued						Alloy steel						
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
55,885	9,169	30,432	7,436	67,103	12,048	11,089	2,333	15,778	2,984	2,107	2,472	1
(D)	(D)	-	-	1,186	.335	(D)	(D)	(D)	(D)	-	-	*2
	6,893	959	(D)	(D)	2,654	523	(D)	(D)	(D)	(D)	(D)	3
17,033	2,356	8,157	2,243	14,711	2,115	(D)	(D)	(D)	(D)	108	134	4
6,434	972	(D)	(D)	297	110	(D)	(D)	273	187	211	232	5
2,791	408	741	173	(D)	(D)	(D)	(D)	-	-	117	185	6
6,522	1,948	3,706	1,114	5,008	579	2,292	633	3,476	791	(D)	(D)	7
1,689	248	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	8
1,419	245	825	182	4,960	726	(D)	(D)	(D)	(D)	(D)	(D)	9
3,929	555	(D)	(D)	3,022	725	(D)	(D)	(D)	(D)	(D)	(D)	10
873	191	147	84	(D)	(D)	(D)	(D)	(D)	(D)	-	-	11
(D)	(D)	1,731	417	1,466	273	(D)	(D)	(D)	(D)	187	213	12
1,125	211	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	13
128,993	19,561	54,223	14,236	256,823	50,874	9,552	2,440	16,396	9,296	12,301	15,136	14
8,462	1,350	7,085	1,120	(D)	(D)	1,139	281	(D)	(D)	2,052	2,529	15
94,020	14,003	21,609	5,264	176,905	34,732	7,782	1,922	5,337	3,185	8,249	10,268	16
2,785	555	301	61	1,759	508	(D)	(D)	(D)	(D)	(D)	(D)	17
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	18
-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	19
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	20
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	21
(D)	(D)	(D)	(D)	1,205	233	(D)	(D)	-	-	(D)	(D)	22
2,264	509	(D)	(D)	(D)	(D)	178	63	(D)	(D)	85	138	23
(D)	(D)	-	-	(D)	-	(D)	(D)	(D)	(D)	(D)	(D)	24
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	25
(D)	(D)	(D)	(D)	7,116	1,249	(D)	(D)	(D)	(D)	-	-	26
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	27
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	28
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	29
(D)	(D)	(D)	(D)	9,622	1,373	(D)	(D)	(D)	(D)	93	74	30
(D)	(D)	(D)	(D)	8,219	1,074	-	-	(D)	(D)	-	-	31
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	32
(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	33
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)	34
23,973	3,968	12,725	2,020	76,386	14,289	1,791	480	12,651	4,577	567	776	35
7,076	990	(D)	(D)	12,567	1,734	(D)	(D)	(D)	(D)	(D)	(D)	36
14,998	2,686	472	99	61,661	12,162	636	200	3,585	1,267	215	306	37

TABLE 4. Consumption of Steel Mill Shapes and Forms by Metal Fabricating

Division, State, and State economic area ¹	Total ²		Carbon steel					
			Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
WEST NORTH CENTRAL--Continued								
Kansas--Continued								
1 1.....	5,557	976	2,006	217	1,385	244	(D)	(D)
2 2.....	11,982	2,063	2,699	509	2,923	506	2,834	420
3 3.....	37,955	6,913	7,606	1,417	15,069	2,573	2,447	385
4 5.....	7,447	1,239	(D)	(D)	(D)	(D)	(D)	(D)
5 6.....	7,824	1,423	666	101	787	129	(D)	(D)
6 7.....	10,483	1,736	(D) ¹	(D)	(D)	(D)	(D)	(D)
7 8.....	22,000	3,966	1,617	399	2,448	430	(D)	(D)
8 SOUTH ATLANTIC, TOTAL.....	3,151,508	576,006	257,533	41,759	809,541	136,627	380,050	56,353
9 Delaware.....	98,971	16,298	4,146	1,150	26,870	3,600	44,083	5,357
10 A (Wilmington SMSA--Delaware portion) (See Maryland and New Jersey).....	94,803	15,529	(D)	(D)	23,279	3,016	44,083	5,357
11 1.....	4,168	769	(D)	(D)	3,591	584	-	-
12 Maryland.....	722,443	134,280	32,743	5,830	130,368	22,596	50,361	7,533
13 A (Baltimore SMSA).....	594,211	110,352	21,209	3,871	110,729	19,115	31,186	4,539
14 B (Washington, D.C. SMSA--Maryland portion) (See District of Columbia and Virginia).....	53,465	7,966	366	53	7,632	1,286	(D)	(D)
15 C (Wilmington SMSA--Maryland portion) (See Delaware and New Jersey).....	37,556	8,023	1,326	208	2,741	452	(D)	(D)
16 4.....	37,211	7,939	9,842	1,698	9,266	1,743	(D)	(D)
17 1.....								
18 2.....								
19 District of Columbia.....	6,335	1,043	856	178	549	88	2,993	502
20 A (Washington, D.C. SMSA--District of Columbia portion) (See Maryland and Virginia).....	6,335	1,043	856	178	549	88	2,993	502
21 Virginia.....	445,691	79,175	53,059	7,128	78,266	15,324	98,081	15,650
22 A (Roanoke SMSA).....	82,718	11,471	20,516	2,420	4,021	721	(D)	(D)
23 B (Washington, D.C. SMSA--Virginia portion) (See District of Columbia and Maryland).....	37,520	5,594	(D)	(D)	865	172	(D)	(D)
24 C (Richmond SMSA).....	82,780	12,886	9,591	1,567	10,897	1,576	22,151	3,069
25 D (Norfolk-Portsmouth SMSA).....	25,170	3,704	2,780	383	4,881	795	3,467	505
26 E (Newport News-Hampton SMSA).....								
27 F (Lynchburg SMSA).....								
28 7.....	114,353	26,340	10,132	1,143	11,998	3,758	(D)	(D)
29 8.....								
30 9.....								
31 10.....								
32 1.....	36,242	6,128	2,285	420	3,279	627	6,415	967
33 2.....								
34 3.....	30,078	6,464	669	158	23,051	4,240	(D)	(D)
35 4.....	33,756	6,139	(D)	(D)	17,438	3,142	(D)	(D)
36 5.....	3,074	449	(D)	(D)	1,836	293	(D)	(D)
37 6.....								
38 West Virginia.....	467,556	74,893	18,190	2,903	279,821	42,679	57,891	8,549
39 A (Wheeling SMSA--West Virginia portion) (See Ohio).....	103,490	17,201	(D)	(D)	32,105	5,164	(D)	(D)
40 B (Huntington-Ashland SMSA--West Virginia portion) (See Ohio).....	94,765	14,484	(D)	(D)	(D)	(D)	(D)	(D)
41 C (Charleston SMSA).....	25,295	4,243	6,780	1,066	11,812	1,861	2,597	391
42 D (Steubenville-Weirton SMSA--West Virginia portion) (See Ohio).....	167,414	26,288	(D)	(D)	(D)	(D)	(D)	(D)
43 1.....	57,735	8,977	(D)	(D)	46,732	7,019	(D)	(D)
44 2.....								
45 5.....	6,180	1,010	(D)	(D)	(D)	(D)	(D)	(D)
46 6.....								
47 3.....	7,863	1,719	(D)	(D)	(D)	(D)	1,559	240
48 4.....	4,814	971	774	191	(D)	(D)	450	93

See footnotes at end of table.

Establishments, by States and State Economic Areas: 1963--Continued

Carbon steel--Continued						Alloy steel						
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
1,841	361	-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-	1
1,611	234	(D)	(D)	627	118	-	-	(D)	(D)	(D)	(D)	2
4,355	612	(D)	(D)	4,589	1,024	(D)	(D)	(D)	(D)	(D)	(D)	3
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	4
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	5
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	6
4,553	623	(D)	(D)	1,132	309	(D)	(D)	(D)	(D)	(D)	(D)	7
425,405	62,232	145,776	32,317	1,017,964	178,213	9,792	3,611	80,043	32,181	25,404	32,713	8
1,730	274	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	351	669	9
1,730	274	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	10
-	-	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	11
46,476	6,573	49,889	9,642	399,585	70,351	2,619	986	4,466	1,827	5,936	8,942	12
26,732	3,822	38,632	7,120	354,497	62,923	(D)	(D)	(D)	(D)	4,862	6,887	13
10,643	1,423	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	14
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	15
(D)	(D)	(D)	(D)	1,739	419	(D)	(D)	(D)	(D)	331	564	16
763	139	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	17
763	139	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	18
130,930	18,055	11,454	2,674	53,671	8,239	745	249	16,907	8,728	2,578	3,131	19
(D)	(D)	(D)	(D)	7,106	814	(D)	(D)	(D)	(D)	104	155	20
25,312	3,512	(D)	(D)	1,176	231	-	-	(D)	(D)	189	227	21
14,406	1,953	(D)	(D)	25,280	4,211	(D)	(D)	(D)	(D)	335	445	22
9,209	1,253	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	23
(D)	(D)	(D)	(D)	16,112	2,315	591	187	(D)	(D)	(D)	(D)	24
(D)	(D)	(D)	(D)	936	173	(D)	(D)	(D)	(D)	(D)	(D)	25
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,162	578	(D)	(D)	26
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	206	213	27
(D)	(D)	(D)	(D)	559	54	-	-	-	-	-	-	28
19,410	3,085	(D)	(D)	88,101	16,266	811	218	775	173	(D)	(D)	29
(D)	(D)	-	-	68,549	11,503	(D)	(D)	-	-	(D)	(D)	30
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	31
(D)	(D)	-	-	630	112	203	58	(D)	(D)	(D)	(D)	32
-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	33
(D)	(D)	(D)	(D)	1,690	367	(D)	(D)	(D)	(D)	(D)	(D)	34
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	35
1,042	168	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	177	195	36
(D)	(D)	-	-	(D)	(D)	458	140	(D)	(D)	(D)	(D)	37

TABLE 4. Consumption of Steel Mill Shapes and Forms by Metal Fabricating

Division, State, and State economic area ¹	Total ²		Carbon steel					
			Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
SOUTH ATLANTIC--Continued								
1 North Carolina.....	384,873	76,705	39,083	7,396	74,152	14,323	36,791	5,628
2 A (Asheville SMSA).....	8,865	2,250	2,124	513	1,104	438	(D)	(D)
3 B (Winston-Salem SMSA).....	15,839	2,532	2,046	328	(D)	(D)	(D)	(D)
4 C (Greensboro-High Point SMSA).....	69,283	13,686	4,447	841	12,049	2,452	8,852	1,260
5 D (Charlotte SMSA).....	89,428	14,884	9,821	2,033	13,001	2,415	7,150	1,146
6 E (Raleigh SMSA).....	20,879	3,792	643	114	8,763	1,505	(D)	(D)
7 F (Durham SMSA).....	291	112	(D)	(D)	(D)	(D)	-	-
8 1.....	4,706	1,531	(D)	(D)	1,675	405	(D)	(D)
9 2.....								
10 3.....								
11 4.....								
12 5.....	13,720	3,059	(D)	(D)	(D)	(D)	(D)	(D)
13 6.....	78,184	15,875	6,578	575	9,890	1,852	1,296	207
14 7.....	18,665	5,723	2,877	831	2,449	785	(D)	(D)
15 8.....	6,498	1,659	2,518	727	1,659	370	(D)	(D)
16 9.....	27,134	5,868	(D)	(D)	4,365	805	4,904	926
17 10.....								
18 11.....								
19 12.....								
20 13.....	27,189	4,781	4,955	786	12,246	2,084	7,258	1,034
21 14.....	4,192	953	(D)	(D)	(D)	(D)	-	-
22 South Carolina.....	179,766	33,488	50,880	7,507	31,424	5,428	8,747	1,282
23 A (Columbia SMSA).....	70,227	8,924	29,441	3,518	796	131	6,735	937
24 C (Charleston SMSA).....	3,319	782	(D)	(D)	(D)	(D)	-	-
25 D (Greenville SMSA).....	29,805	6,054	7,932	1,752	7,581	1,418	(D)	(D)
26 1.....	1,761	916	(D)	(D)	(D)	(D)	-	-
27 2.....	42,333	9,945	3,919	742	18,500	2,907	(D)	(D)
28 3.....	5,016	956	(D)	(D)	(D)	(D)	-	-
29 4.....								
30 5.....								
31 6.....								
32 7.....	5,744	1,290	3,071	631	(D)	(D)	(D)	(D)
33 8.....	21,561	4,621	(D)	(D)	(D)	(D)	(D)	(D)
34 Georgia.....	405,399	80,121	35,365	6,046	139,286	24,443	51,013	7,685
35 A (Chattanooga SMSA-Georgia portion) (See Tennessee).....	31,443	7,345	3,615	693	(D)	(D)	7,742	1,043
36 1.....								
37 B (Atlanta SMSA).....								
38 C (Columbus SMSA).....								
39 D (Augusta SMSA-Georgia portion).....	163,179	29,259	7,493	1,336	47,064	8,233	12,005	1,940
40 E (Savannah SMSA).....	7,005	1,291	(D)	(D)	(D)	(D)	(D)	(D)
41 F (Macon SMSA).....	6,611	1,047	678	104	(D)	(D)	1,217	217
42 G (Albany SMSA).....	20,780	3,492	(D)	(D)	2,746	491	(D)	(D)
43 5.....	16,938	2,871	(D)	(D)	(D)	(D)	(D)	(D)
44 6.....	19,095	3,257	5,829	893	5,542	986	(D)	(D)
45 7.....								
46 8.....								
47 9.....								
48 1.....	933	213	-	-	(D)	(D)	-	-
49 2.....	34,382	5,927	6,126	947	18,636	3,118	(D)	(D)
50 3.....	56,183	13,443	(D)	(D)	33,464	5,472	(D)	(D)
51 4.....	8,900	2,341	(D)	(D)	(D)	(D)	(D)	(D)
52 5.....	13,241	4,766	(D)	(D)	7,971	1,347	(D)	(D)
53 6.....	26,709	4,869	1,266	223	9,910	1,664	(D)	(D)
54 Florida.....	440,474	80,003	23,211	3,621	48,805	8,146	30,090	4,167
55 A (Jacksonville SMSA).....	81,505	11,464	2,682	409	11,788	1,963	15,083	1,917
56 B (Tampa-St. Petersburg SMSA).....	159,725	27,728	9,728	1,260	8,306	1,258	8,208	1,182
57 C (Miami SMSA).....	53,237	8,171	6,760	1,260	9,038	1,702	1,364	200
58 D (Pensacola SMSA).....	13,351	3,514	(D)	(D)	8,300	1,366	(D)	(D)
59 1.....								
60 2.....								
61 3.....								
62 E (Orlando SMSA).....	44,505	10,783	315	57	888	149	(D)	(D)
63 F (West Palm Beach SMSA).....	4,573	2,437	747	116	(D)	(D)	442	75
64 G (Fort Lauderdale-Hollywood SMSA).....	13,300	2,421	721	111	4,050	710	1,218	203
65 4.....	2,961	738	(D)	(D)	1,743	313	352	62
66 5.....	63,274	12,088	(D)	(D)	3,861	559	2,655	390
67 6.....	4,043	659	(D)	(D)	(D)	(D)	(D)	(D)

Carbon steel--Continued						Alloy steel					
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)	
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
65,920	10,079	60,033	12,768	81,880	13,868	977	594	23,647	7,849	2,390	4,200
(D)	(D)	-	-	(D)	(D)	-	-	444	250	(D)	(D)
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	33	56
(D)	(D)	15,289	3,484	9,660	2,439	(D)	(D)	(D)	(D)	(D)	(D)
19,100	3,554	2,544	547	36,418	4,191	(D)	(D)	(D)	(D)	338	527
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)
-	-	-	-	-	-	-	-	-	-	(D)	(D)
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)
776	130	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	139	191
1,265	194	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	544	1,544
(D)	(D)	(D)	(D)	1,586	364	-	-	(D)	(D)	(D)	(D)
6,976	784	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)
(D)	(D)	-	-	(D)	(D)	-	-	-	-	(D)	(D)
48,756	7,982	3,714	2,085	31,806	4,773	174	60	1,331	1,018	2,934	3,353
(D)	(D)	(D)	(D)	12,796	1,542	-	-	(D)	(D)	(D)	(D)
-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-
7,426	1,089	622	397	(D)	(D)	(D)	(D)	(D)	(D)	273	440
-	-	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)
4,901	698	(D)	(D)	7,934	1,455	(D)	(D)	(D)	(D)	2,266	2,230
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-	-
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)
50,413	7,307	3,655	955	93,186	16,823	2,568	677	23,875	9,520	6,038	6,665
6,650	718	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	236	325
18,165	2,757	2,469	668	70,296	11,916	(D)	(D)	(D)	(D)	931	1,359
(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)
3,939	539	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-
3,828	655	-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)
-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
735	116	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	73	101
(D)	(D)	(D)	(D)	426	89	-	-	(D)	(D)	1,411	1,622
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
(D)	(D)	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)
61,007	8,741	7,102	951	255,035	45,592	1,661	685	8,928	2,981	4,635	5,119
24,633	3,568	824	144	25,494	2,581	(D)	(D)	(D)	(D)	(D)	(D)
20,266	2,792	(D)	(D)	100,982	18,909	(D)	(D)	(D)	(D)	223	372
7,088	992										

TABLE 4. Consumption of Steel Mill Shapes and Forms by Metal Fabricating

Division, State, and State economic area ¹	Total ²		Carbon steel					
			Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
1 EAST SOUTH CENTRAL, TOTAL.....	2,285,038	404,949	247,696	40,116	882,480	142,517	406,242	57,003
2 Kentucky.....	569,863	110,738	56,026	9,783	355,841	57,649	24,382	3,484
3 A (Louisville SMSA-Kentucky portion) (See Indiana).....	365,902	70,558	43,013	7,132	243,461	38,236	10,351	1,592
4 B (Cincinnati SMSA-Kentucky portion) (See Ohio and Indiana).....	21,669	4,267	3,167	577	9,012	1,527	2,785	382
5 D (Evansville SMSA-Kentucky portion) (See Indiana).....	9,419	1,444	(D)	(D)	(D)	(D)	(D)	(D)
6 2.....	25,355	5,434	1,117	298	22,633	4,430	(D)	(D)
7 E (Lexington SMSA).....	22,680	4,254	(D)	(D)	14,720	2,569	(D)	(D)
8 1.....	10,245	2,060	(D)	(D)	6,847	1,436	(D)	(D)
9 3.....	31,836	5,471	261	66	(D)	(D)	-	-
10 5.....	82,757	17,250	6,110	1,349	28,500	4,548	2,229	320
11 9.....	684,275	121,227	47,926	8,099	320,384	51,584	60,292	8,672
12 4.....	163,497	26,602	19,359	3,118	43,670	6,801	23,694	3,679
13 6.....	127,364	21,970	3,693	636	57,888	10,584	(D)	(D)
14 7.....	68,957	11,849	5,699	957	27,388	4,384	9,346	769
15 Tennessee.....	43,562	7,901	5,102	5,102	6,695	833	7,181	1,021
16 A (Memphis SMSA-Tennessee portion) (See Arkansas).....	33,343	5,983	1,112	230	24,065	3,575	-	-
17 B (Nashville SMSA).....	74,119	11,266	(D)	(D)	69,213	10,200	(D)	(D)
18 C (Chattanooga SMSA-Tennessee portion) (See Georgia).....	47,658	9,463	(D)	(D)	33,630	4,924	(D)	(D)
19 D (Knoxville SMSA).....	23,817	5,595	3,672	784	11,797	2,067	(D)	(D)
20 1.....	101,958	20,598	7,343	1,211	46,038	8,216	(D)	(D)
21 2.....	752,471	116,469	123,896	18,776	105,472	17,221	250,358	34,240
22 3.....	491,200	73,865	54,734	8,823	71,062	11,252	218,379	29,627
23 4.....	25,187	4,535	4,676	713	1,275	188	(D)	(D)
24 5.....	35,779	5,056	482	75	(D)	(D)	(D)	(D)
25 6.....	64,375	9,097	(D)	(D)	(D)	(D)	(D)	(D)
26 7.....	2,736	596	(D)	(D)	(D)	(D)	-	-
27 8.....	7,358	1,522	(D)	(D)	(D)	(D)	(D)	(D)
28 9.....	35,139	5,517	3,327	570	8,619	1,320	(D)	(D)
29 10.....	24,402	4,284	(D)	(D)	(D)	(D)	(D)	(D)
30 11.....	16,551	2,678	676	134	592	87	(D)	(D)
31 12.....	3,591	808	(D)	(D)	1,749	262	(D)	(D)
32 13.....	5,266	1,685	(D)	(D)	(D)	(D)	(D)	(D)
33 14.....	40,887	6,826	28,931	4,052	(D)	(D)	(D)	(D)
34 Alabama.....	278,429	56,515	19,848	3,458	100,783	16,063	71,210	10,607
35 A (Birmingham SMSA).....	31,183	5,115	1,983	363	(D)	(D)	5,115	813
36 1.....	34,697	6,744	2,870	509	23,539	3,415	2,274	322
37 2.....	17,599	9,193	(D)	(D)	(D)	(D)	(D)	(D)
38 3.....	19,304	3,893	(D)	(D)	(D)	(D)	(D)	(D)
39 4.....	4,332	906	(D)	(D)	(D)	(D)	(D)	(D)
40 5.....	75,627	14,038	3,799	863	44,216	7,093	(D)	(D)
41 6.....	29,716	5,031	7,997	1,138	10,952	1,961	2,571	383
42 7.....	65,971	11,595	(D)	(D)	(D)	(D)	(D)	(D)
43 8.....	2,738,274	497,008	234,641	40,736	531,956	85,373	576,019	89,317
44 WEST SOUTH CENTRAL, TOTAL.....	181,805	34,472	12,720	2,285	93,883	15,622	10,769	1,628
45 Arkansas.....	40,332	6,526	3,444	572	14,766	2,526	6,561	954
46 A (Little Rock-North Little Rock SMSA).....	33,108	5,745	654	125	25,173	4,448	(D)	(D)
47 B (Fort Smith SMSA-Arkansas portion).....	6,196	947	(D)	(D)	2,845	454	(D)	(D)
48 C (Memphis SMSA-Arkansas portion) (See Tennessee).....								

See footnotes at end of table.

Carbon steel--Continued						Alloy steel						
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
264,734	39,906	131,237	25,107	268,379	53,652	29,966	6,600	35,912	17,607	18,392	22,441	1
10,983	1,781	31,658	6,834	54,361	14,572	19,841	3,767	9,923	4,843	6,848	8,025	2
4,988	954	2,602	1,320	32,346	9,326	19,685	3,675	5,382	3,308	4,074	5,015	3
1,980	273	1,004	243	2,377	439	(D)	(D)	(D)	(D)	523	599	4
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	5
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	6
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-	-	7
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	8
-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	9
(D)	(D)	24,440	4,218	(D)	(D)	(D)	(D)	(D)	(D)	1,830	1,873	10
77,928	12,592	33,746	6,782	126,744	22,827	3,869	1,408	11,100	6,164	2,286	3,099	11
22,223	3,120	(D)	(D)	44,770	6,215	1,170	300	(D)	(D)	414	617	12
14,477	1,985	7,078	1,233	23,105	2,811	1,847	555	(D)	(D)	96	104	13
14,756	2,227	8,421	1,637	(D)	(D)	(D)	(D)	1,046	595	673	835	14
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	15
-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	113	145	16
(D)	(D)	(D)	(D)	(D)	(D)	107	99	(D)	(D)	39	52	17
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	18
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	19
4,304	659	(D)	(D)	37,107	8,337	(D)	(D)	(D)	(D)	206	339	20
131,372	19,357	60,830	9,657	69,080	11,447	1,968	432	7,101	1,888	2,394	3,451	21
94,037	14,185	17,886	2,646	31,103	5,628	(D)	(D)	(D)	(D)	963	1,268	22
1,195	200	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	23
12,090	1,714	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	24
(D)	(D)	29,832	4,528	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	25
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	26
17,644	2,428	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	27
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	28
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	29
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	30
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	31
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	32
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	33
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	34
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	35
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D			

TABLE 4. Consumption of Steel Mill Shapes and Forms by Metal Fabricating

Division, State, and State economic area ¹	Total ²		Carbon steel					
			Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
WEST SOUTH CENTRAL--Continued								
Arkansas--Continued								
1 D (Pine Bluff SMSA).....	39,437	10,585	1,371	255	(D)	(D)	954	196
2 1.....								
3 2.....								
4 4.....								
5 6.....								
6 9.....	1,819	370	(D)	(D)	(D)	(D)	(D)	(D)
7 E (Texarkana SMSA-Arkansas portion) (See								
8 Texas).....								
9 5.....								
10 3.....								
11 7.....	28,827	4,857	2,293	497	24,784	3,994	(D)	(D)
12 8.....	22,507	3,611	(D)	(D)	13,846	1,993	517	72
13 Louisiana.....	353,261	60,003	10,545	1,560	92,524	14,058	75,265	11,272
14 A (Shreveport SMSA).....	52,718	8,816	2,947	458	2,673	408	29,543	4,575
15 B (New Orleans SMSA).....	249,222	41,620	5,565	749	81,817	12,149	18,752	2,634
16 C (Baton Rouge SMSA).....	30,321	5,675	(D)	(D)	(D)	(D)	(D)	(D)
17 D (Lafayette SMSA).....	5,434	1,010	(D)	(D)	(D)	(D)	(D)	(D)
18 E (Lake Charles SMSA).....								
19 7.....								
20 8.....								
21 F (Monroe SMSA).....								
22 2.....	3,510	516	568	86	1,037	141	594	84
23 4.....								
24 5.....								
25 1.....								
26 6.....								
27 Oklahoma.....	385,840	67,409	39,090	6,748	43,421	7,638	90,446	13,714
28 A (Tulsa SMSA).....	230,634	40,745	25,311	4,284	16,281	2,592	74,419	11,352
29 B (Oklahoma City SMSA).....	103,545	17,077	5,809	1,028	13,789	2,687	12,437	1,758
30 C (Lawton SMSA).....	9,248	1,660	1,362	279	3,951	773	(D)	(D)
31 1.....								
32 4.....								
33 2.....								
34 3.....								
35 5.....	7,160	1,383	2,923	509	1,965	382	(D)	(D)
36 6.....	8,183	1,895	449	101	(D)	(D)	(D)	(D)
37 7.....	4,748	761	(D)	(D)	(D)	(D)	(D)	(D)
38 8.....	1,857	357	(D)	(D)	(D)	(D)	(D)	(D)
39 9.....	20,465	3,531	(D)	(D)	(D)	(D)	(D)	(D)
40 Texas.....	1,817,368	335,124	172,286	30,143	302,128	48,055	399,539	62,703
41 A (El Paso SMSA).....	27,621	3,667	1,644	219	(D)	(D)	960	148
42 B (Fort Worth SMSA).....	184,564	33,854	27,951	5,139	27,046	3,976	20,566	3,490
43 C (Dallas SMSA).....	273,990	51,048	30,857	5,708	54,878	9,736	74,996	11,266
44 D (Waco SMSA).....	28,110	4,877	3,517	562	2,422	382	(D)	(D)
45 E (Austin SMSA).....	6,277	915	(D)	(D)	(D)	(D)	(D)	(D)
46 F (San Antonio SMSA).....	36,589	13,060	4,289	1,522	4,704	1,608	6,486	3,015
47 G (Houston SMSA).....	706,470	130,743	65,600	10,137	107,908	16,272	125,626	18,008
48 H (Beaumont-Port Arthur SMSA).....	281,657	44,951	6,271	1,010	(D)	(D)	109,231	16,674
49 J (Amarillo SMSA).....	11,456	2,180	1,445	243	1,979	350	(D)	(D)
50 K (Wichita Falls SMSA).....	10,255	1,801	1,223	198	1,229	215	4,645	687
51 L (Lubbock SMSA).....	32,376	6,442	5,244	1,014	3,526	675	10,717	2,105
52 M (Galveston-Texas City SMSA).....	24,926	3,729	693	109	(D)	(D)	5,931	987
53 14.....								
54 N (Corpus Christi SMSA).....								
55 P (San Angelo SMSA).....								
56 S (Abilene SMSA).....								
57 2.....	13,852	2,328	1,535	241	3,898	691	3,224	521
58 6.....								
59 T (Brownsville-Harlingen-San Benito SMSA).....								
60 U (Midland SMSA).....								
61 1.....								
62 5.....	4,986	1,067	1,101	213	(D)	(D)	(D)	(D)
63 V (Odessa SMSA).....								
64 5.....	5,418	1,137	312	94	(D)	(D)	3,832	671

See footnotes at end of table

Establishments, by States and State Economic Areas: 1963--Continued

Carbon steel--Continued						Alloy steel					
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)	
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
(D)	(D)	(D)	(D)	26,886	8,492	(D)	(D)	(D)	(D)	(D)	(D)
(D)	(D)	-	-	(D)	(D)	-	-	-	-	-	-
-	-	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)
1,034	175	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)
335	55	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
34,099	5,266	1,680	309	127,340	22,686	1,166	593	9,666	2,748	976	1,511
11,588	1,762	(D)	(D)	3,865	553	(D)	(D)	(D)	(D)	(D)	(D)
14,436	2,269	1,138	211	119,986	21,163	(D)	(D)	(D)	(D)	(D)	(D)
3,247	496	-	-	2,664	787	(D)	(D)	(D)	(D)	247	415
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
798	113	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D) ⁹	(D)	(D)
(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)
3,327	512	(D)	(D)	(D)	(D)	476	202	(D)	(D)	(D)	(D)
116,342	16,885	12,284	2,435	62,958	12,383	14,435	4,071	5,957	2,230	907	1,305
78,080	11,308	3,140	604	24,479	6,984	6,955	2,140	1,404	618	565	863
26,857	3,784	(D)	(D)	29,443	3,987	(D)	(D)	2,858	1,311	164	226
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)
545	119	-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)
667	110	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)
(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
258,728	43,137	44,313	10,190	508,137	91,812	72,621	19,023	50,486	17,844	9,130	12,217
6,823	1,085	(D)	(D)	17,662	2,116	-	-	(D)	(D)	(D)	(D)
49,356	8,300	1,005	178	50,639	9,565	5,590	1,838	2,041	907	370	441
31,188	5,599	3,421	554	65,547	10,506	6,144	1,830	3,351	1,687	3,608	4,162
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
(D)	(D)	(D)	(D)	3,193	370	-	-	-	-	(D)	(D)
6,457	3,019	(D)	(D)	13,284	3,293	749	72	(D)	(D)	(D)	(D)
57,382	8,827	27,434	5,948	236,198	43,827	50,775	12,491	31,900	9,636	3,647	5,597
58,700	8,633	260	87	62,067	10,817	(D)	(D)	(D)	(D)	682	858
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,396	232	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5,825	948	(D)	(D)	5,715	1,118	(D)	(D)	(D)	(D)	(D)	(D)
1,009	154	(D)	(D)	10,221	1,537	(D)	(D)	(D)	(D)	(D)	(D)
(D)	(D)	(D)	(D)	7,594	721	(D)	(D)	(D)	(D)	(D)	(D)
2,261	331	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)
(D)	(D)	-	-	-	-	(D)	(D)	-	-	(D)	(D)
(D)	(D)	(D)	(D)	1,381	264	(D)	(D)	(D)	(D)	(D)	(D)
503	90	-	-	(D)	(D)	175	76	(D)	(D)	(D)	(D)

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TABLE 4. Consumption of Steel Mill Shapes and Forms by Metal Fabricating

Division, State, and State economic area ¹	Total ²		Carbon steel					
			Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
WEST SOUTH CENTRAL--Continued								
Texas--Continued								
1 W (Tyler SMSA).....	18,580	3,262	1,062	207	9,545	1,685	5,823	887
2 X (Texarkana SMSA-Texas portion) (See								
3 Arkansas).....	29,690	5,724	4,713	884	4,150	697	4,434	678
4 12.....								
5 3.....	6,636	1,332	(D)	(D)	(D)	(D)	(D)	(D)
6 15.....								
7 4.....	8,137	1,765	2,408	526	475	94	(D)	(D)
8 7.....	10,688	1,697	(D)	(D)	4,899	819	(D)	(D)
9 8.....	37,350	9,848	(D)	(D)	15,958	2,211	1,661	305
10 9.....	5,249	1,105	(D)	(D)	(D)	(D)	(D)	(D)
11 10.....	5,986	1,180	(D)	(D)	(D)	(D)	(D)	(D)
12 11.....								
13 13.....	18,445	3,078	(D)	(D)	(D)	(D)	(D)	(D)
14 MOUNTAIN, TOTAL.....	477,724	87,904	44,904	8,248	80,071	14,769	99,075	14,150
15 Montana.....	13,494	2,230	845	147	6,226	1,026	3,434	525
16 A (Billings SMSA).....	10,363	1,723	(D)	(D)	5,355	893	(D)	(D)
17 B (Great Falls SMSA).....	789	162	(D)	(D)	(D)	(D)	(D)	(D)
18 2.....	2,342	345	517	82	(D)	(D)	(D)	(D)
19 Idaho.....	40,757	7,420	6,372	1,104	7,957	1,368	6,491	1,015
20 A (Boise SMSA).....	14,554	2,457	2,933	452	5,217	901	2,845	450
21 1.....								
22 2.....	11,133	1,825	1,418	246	2,017	310	3,280	511
23 4.....								
24 3.....	15,070	3,138	2,021	406	723	157	366	54
25 Wyoming.....	1,766	371	311	57	339	48	(D)	(D)
26 1.....	1,516	209	(D)	(D)	(D)	(D)	(D)	(D)
27 2.....	250	162	(D)	(D)	(D)	(D)	(D)	(D)
28 Colorado.....	184,628	38,277	20,713	4,039	23,339	4,272	18,813	3,148
29 A (Denver SMSA).....	167,605	35,393	16,106	3,250	21,306	3,929	(D)	(D)
30 B (Pueblo SMSA).....								
31 2.....	9,374	1,377	1,807	298	(D)	(D)	(D)	(D)
32 4.....								
33 5.....								
34 C (Colorado Springs SMSA).....	2,598	716	(D)	(D)	(D)	(D)	(D)	(D)
35 3.....	5,051	791	(D)	(D)	(D)	(D)	(D)	(D)
36 New Mexico.....	17,243	2,589	990	179	1,021	164	5,281	812
37 A (Albuquerque SMSA).....	11,592	1,769	(D)	(D)	(D)	(D)	(D)	(D)
38 1.....								
39 2.....	5,651	820	(D)	(D)	(D)	(D)	(D)	(D)
40 3.....								
41 Arizona.....	74,445	13,303	4,708	874	26,619	5,209	9,676	1,396
42 A (Phoenix SMSA).....	68,021	11,893	4,123	727	23,489	4,586	9,126	1,292
43 B (Tucson SMSA).....								
44 1.....	6,424	1,410	585	147	3,130	623	550	104
45 2.....								
46 Utah.....	141,544	23,045	10,292	1,718	14,228	2,621	53,985	7,032
47 A (Salt Lake City SMSA).....	86,350	12,674	6,106	1,086	12,097	2,309	36,507	4,547
48 B (Ogden SMSA).....	16,342	3,391	(D)	(D)	(D)	(D)	(D)	(D)
49 C (Provo-Orem SMSA).....	29,260	4,330	2,985	438	1,802	259	(D)	(D)
50 1.....								
51 3.....	9,592	2,650	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

Establishments, by States and State Economic Areas: 1963--Continued

Carbon steel--Continued						Alloy steel					
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)	
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	-	-
4,262	599	-	-	4,929	1,024	(D)	(D)	4,379	817	(D)	(D)
(D)	(D)	-	-	(D)	(D)	-	-	-	-	-	-
(D)	(D)	(D)	(D)	(D)	(D)	292	78	(D)	(D)	(D)	(D)
(D)	(D)	-	-	-	-	(D)	(D)	(D)	(D)	-	-
802	116	(D)	(D)	12,411	3,374	(D)	(D)	(D)	(D)	136	211
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)
75,432	12,630	12,900	3,330	158,541	29,735	2,463	712	1,859	803	2,479	3,527
1,506	262	(D)	(D)	1,293	210	-	-	(D)	(D)	-	-
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-	-
(D)	(D)	-	-	(D)	(D)	-	-	-	-	-	-
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-
7,267	1,141	(D)	(D)	12,308	2,628	179	62	(D)	(D)	56	87
3,219	529	-	-	218	54	(D)	(D)	-	-	(D)	(D)
2,957	433	(D)	(D)	1,336	255	(D)	(D)	(D)	(D)	(D)	(D)
1,091	179	(D)	(D)	10,754	2,319	(D)	(D)	(D)	(D)	(D)	(D)
(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)
(D)	(D)	-	-	(D)	(D)	-	-	-	-	-	-
(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)
24,560	4,753	7,802	1,915	85,101	17,356	1,862	416	1,016	500	1,422	1,878
22,217	4,425	(D)	(D)	80,898	16,741	991	330	718	267	1,358	1,775
(D)	(D)	(D)	(D)	3,704	488	-	-	-	-	(D)	(D)
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,426	361	119	24	7,250	875	(D)	(D)	(D)	(D)	75	135
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	75	135
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-
16,148	2,595	2,707	615	13,983	1,604	167	117	136	106	301	787
14,145	2,229	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	241	690
2,003	366	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	60	97
21,529	3,183	2,047	735	38,134	6,983	181	84	(D)	(D)	(D)	(D)
15,335	2,186	(D)	(D)	14,138	1,675	181	84	(D)	(D)	(D)	(D)
(D)	(D)	-	-	(D)	(D)	-	-	-	-	-	-
(D)	(D)	(D)	(D)	5,458	893	-	-	(D)	(D)	-	-
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-

TABLE 4. Consumption of Steel Mill Shapes and Forms by Metal Fabricating

Division, State, and State economic area ¹	Total ²		Carbon steel					
			Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)	
	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
MOUNTAIN--Continued								
1 Nevada.....	3,847	669	673	130	342	61	(D)	(D)
2 A (Las Vegas SMSA).....	3,847	669	673	130	342	61	(D)	(D)
3 B (Reno SMSA).....								
4 PACIFIC, TOTAL.....	4,025,760	822,293	310,555	57,751	914,318	164,435	618,026	98,762
5 Washington.....	492,652	96,047	76,307	12,441	113,394	16,388	93,804	20,171
6 A (Seattle-Everett SMSA).....	358,799	69,796	69,725	11,109	99,546	13,893	79,897	17,972
7 B (Tacoma SMSA).....	24,284	4,135	1,190	218	6,665	1,255	5,021	767
8 C (Portland SMSA-Washington portion) (See Oregon).....	32,516	6,499	1,658	355	(D)	(D)	(D)	(D)
9 4.....								
10 D (Spokane SMSA).....	25,499	4,534	2,331	496	6,061	1,055	5,352	904
11 1.....	9,386	2,074	(D)	(D)	(D)	(D)	666	79
12 2.....								
13 5.....	1,579	250	(D)	(D)	(D)	(D)	(D)	(D)
14 6.....	40,589	8,759	864	155	788	111	492	66
15 7.....								
16 Oregon.....	316,422	56,461	30,387	4,385	57,802	8,945	75,198	11,363
17 A (Portland SMSA-Oregon portion) (See Washington).....	273,688	47,201	25,889	3,518	54,711	8,382	67,530	10,079
18 B (Eugene SMSA).....	9,787	2,454	(D)	(D)	(D)	(D)	822	179
19 1.....	6,866	1,442	(D)	(D)	(D)	(D)	(D)	(D)
20 2.....	21,690	4,507	2,467	451	740	161	5,033	783
21 3.....	4,391	857	921	162	864	149	905	160
22 4.....								
23 California.....	3,121,629	649,713	202,405	40,648	741,032	138,729	447,708	67,012
24 A (San Francisco-Oakland SMSA).....	855,960	157,780	44,937	8,002	166,810	28,543	126,533	19,077
25 B (San Jose SMSA).....	103,282	25,683	8,802	1,659	10,906	2,419	16,160	3,628
26 C (Sacramento SMSA).....	152,927	27,766	1,685	377	6,662	1,257	3,750	581
27 D (Stockton SMSA).....	90,005	14,732	4,760	888	8,831	1,526	12,110	1,282
28 E (Fresno SMSA).....	38,051	6,855	5,171	921	13,539	2,283	5,586	815
29 F (Anaheim-Santa Ana-Garden Grove SMSA)....	88,226	21,417	5,043	1,111	24,094	4,705	11,379	1,656
30 G (San Diego SMSA).....	59,417	16,505	3,907	1,285	2,892	664	(D)	(D)
31 H (San Bernardino-Riverside-Ontario SMSA)...	104,408	17,535	5,807	1,093	19,375	3,755	52,317	6,483
32 J (Bakersfield SMSA).....	8,286	1,387	1,245	202	2,525	358	(D)	(D)
33 K (Santa Barbara SMSA).....	690	128	(D)	(D)	(D)	(D)	-	-
34 L (Los Angeles-Long Beach SMSA).....	1,517,089	338,528	113,410	23,548	467,223	90,114	173,020	26,450
35 M (Vallejo-Napa SMSA).....	13,320	2,070	(D)	(D)	(D)	(D)	(D)	(D)
36 1.....	465	101	(D)	(D)	(D)	(D)	(D)	(D)
37 2.....	4,586	1,068	1,499	332	1,085	230	(D)	(D)
38 3.....	12,775	2,579	(D)	(D)	(D)	(D)	(D)	(D)
39 4.....	3,743	745	791	161	1,237	226	(D)	(D)
40 5.....	52,860	11,577	496	92	2,944	561	(D)	(D)
41 6.....	10,291	2,097	616	107	(D)	(D)	(D)	(D)
42 7.....	4,950	1,091	1,361	286	(D)	(D)	(D)	(D)
43 8.....	298	69	(D)	(D)	(D)	(D)	(D)	(D)
44 Alaska.....	(D)	(D)	(D)	(D)	(D)	(D)	-	-
45 1.....	(D)	(D)	(D)	(D)	(D)	(D)	-	-
46 Hawaii.....	(D)	(D)	(D)	(D)	(D)	(D)	1,316	216
47 A (Honolulu SMSA).....	(D)	(D)	(D)	(D)	(D)	(D)	1,316	216
48 1.....								

Note: Data are limited to the "metal fabricating industries." This includes establishments whose primary activity is the manufacture of products fabricated beyond the metal mill or foundry level. In addition to the consumption of steel by these establishments, a total of 3,364,261 short tons was produced by metal mills and consumed in the same establishments in the manufacture of fabricated products and in maintenance operations.

- Represents zero.

(D)Consumption totals suppressed, either (a) because they totaled less than \$50 thousand, or (b) because they could not be shown without approximating the operations of individual companies.

Continued

Carbon steel--Continued						Alloy steel						
Structural shapes (331015)		Wire and wire products (331017)		All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
(D)	(D)	-	-	(D)	(D)	-	-	-	-	(D)	(D)	1
(D)	(D)	-	-	(D)	(D)	-	-	-	-	(D)	(D)	2
274,494	44,975	148,845	32,496	1,581,413	302,387	54,870	20,347	80,520	37,064	42,719	64,076	3
34,625	5,606	10,922	2,985	147,399	29,097	(D)	(D)	(D)	(D)	3,749	5,770	4
22,175	3,567	7,834	2,330	67,167	12,342	(D)	(D)	(D)	(D)	3,682	5,672	5
2,742	424	(D)	(D)	7,441	1,134	-	-	(D)	(D)	(D)	(D)	6
(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	-	-	7
5,936	1,083	(D)	(D)	2,487	358	(D)	(D)	(D)	(D)	(D)	(D)	8
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	9
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-	10
1,325	165	(D)	(D)	37,062	8,234	(D)	(D)	(D)	(D)	(D)	(D)	11
17,807	2,659	(D)	(D)	(D)	(D)	3,605	1,055	5,687	2,946	940	1,461	12
16,439	2,441	(D)	(D)	(D)	(D)	3,271	946	4,497	2,536	851	1,348	13
(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-	14
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	15
532	85	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	16
(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	(D)	(D)	17
217,358	35,979	131,415	28,017	1,230,078	232,689	48,307	18,402	65,308	31,411	38,018	56,826	18
46,144	7,678	17,672	3,891	430,305	77,589	8,666	3,891	11,562	4,573	3,331	4,536	19
6,671	1,205	9,877	1,609	47,518	10,536	609	309	1,264	1,875	1,475	2,443	20
4,964	972	(D)	(D)	135,375	24,333	(D)	(D)	(D)	(D)	191	145	21
1,929	305	2,384	478	59,574	9,971	284	66	(D)	(D)	86	71	22
3,937	642	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	86	71	23
2,719	404	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	421	571	24
7,781	1,464	1,361	557	5,948	1,324	1,737	839	5,596	2,409	1,075	1,901	25
12,857	2,053	5,984	1,229	4,779	867	1,666	523	1,241	1,222	2,754	4,619	26
(D)	(D)	(D)	(D)	1,724	359	-	-	759	290	864	1,242	27
-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	28
125,075	20,384	91,622	19,554	443,581	85,810	34,193	12,158	41,600	20,055	27,365	40,455	29
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	30
(D)	(D)	-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	31
827	70	-	-	(D)	(D)	(D)	(D)	(D)	(D)	108	159	32
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	33
(D)	(D)	-	-	(D)	(D)	-	-	-	-	(D)	(D)	34
(D)	(D)	(D)	(D)	47,546	10,488	(D)	(D)	(D)	(D)	(D)	(D)	35
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	36
(D)	(D)	(D)	(D)	(D)	(D)	(D)	129	71	(D)	71	152	37
(D)	(D)	-	-	(D)	(D)	(D)	(D)	-	-	(D)	(D)	38
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	39
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	-	40
(D)	(D)	-	-	(D)	(D)	-	-	-	-	-	-	41
(D)	(D)	-	-	(D)	(D)	-	-	-	-	-	-	42
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	43
(D)	(D)	(D)	(D)	(D)	(D)	-	-	-	-	(D)	(D)	44
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	45
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	46
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	47
												48

¹A description of the State economic areas and a list of the counties included in each area are given in the appendix to this report. Standard Metropolitan Statistical Areas (SMSA) are identified by capital letters and the SMSA title is shown in parentheses. Nonmetropolitan areas are identified by figures. Also, see footnote 4.

²Table 5 contains comparable data on number of establishments consuming steel mill shapes and forms.

³See footnote 2, table 1.

⁴In New England, Standard Metropolitan Statistical Areas (SMSA) are defined on a city or town rather than a county basis. Therefore, the geographic units identified by capital letters do not represent SMSA's but represent areas which contain one or more of the central cities of SMSA's. The central cities are shown in parentheses.

TABLE 5. Consumption of Steel Mill Shapes and Forms by Metal Fabricating by States and State Economic

	Division, State, and State economic area ¹	Total steel		Number of establishments consuming mill shapes and forms											
				Total establishments ²		Carbon steel									
						Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)				Sheet and strip (331012)				Plate (331013)	
		Quantity (short tons)	Delivered cost (\$1,000)	Total	Consuming in excess of--	Total	Consuming in excess of--	Total	Consuming in excess of--	Total	Consuming in excess of--	Total	Consuming in excess of--	Total	Consuming in excess of--
					\$50,000 \$250,000		\$50,000 \$250,000		\$50,000 \$250,000		\$50,000 \$250,000		\$50,000 \$250,000		\$50,000 \$250,000
1	UNITED STATES, TOTAL.....	58,113,068	10,855,519	23,751	12,889 5,727	11,271	2,828 792	11,104	4,701 1,974	6,060	1,829 637				
2	NEW ENGLAND, TOTAL.....	1,616,346	445,987	2,004	910 358	879	181 39	766	273 95	357	66 22				
3	Maine.....	71,740	15,967	46	21 10	19	6 -	21	6 3	14	4 2				
4	A (Includes Portland) ³	49,367	10,602	16	8 5	6	1 -	10	4 2	5	3 1				
5	2.....	3,860	684	4	3 1	2	1 -	2	- -	1	- -				
6	3.....	4,807	1,164	9	4 1	3	1 -	3	- -	4	- -				
7	4 (Includes Auburn and Lewiston) ⁴	13,706	3,517	17	6 3	8	3 -	6	2 1	4	1 1				
8	New Hampshire.....	27,855	9,324	71	29 9	25	6 1	28	8 2	8	1 -				
9	A (Includes Manchester) ³	11,045	3,947	23	11 3	7	2 1	8	3 -	3	- -				
10	1.....	5,949	1,302	13	4 2	3	2 -	6	1 -	1	1 -				
11	2.....	10,861	4,075	35	14 4	15	2 -	14	4 2	4	- -				
12	Vermont.....	19,629	7,700	45	18 10	22	5 -	15	3 1	9	1 -				
13	1.....	10,707	2,566	13	6 3	6	1 -	7	2 -	1	1 -				
14	2.....	8,922	5,134	32	12 7	16	4 -	8	1 1	8	- -				
15	Massachusetts.....	809,704	217,356	923	428 162	416	96 23	372	129 41	200	46 16				
16	A (Includes Springfield, Chicopee and Holyoke) ³	108,088	27,125	113	61 25	53	19 5	41	20 11	19	6 2				
17	B (Includes Fitchburg, Leominster and Worcester) ³	164,833	51,653	193	103 45	95	24 5	74	36 11	35	8 3				
18	C (Includes Boston, Haverhill, Lawrence and Lowell) ³	393,459	103,571	491	203 72	212	39 6	207	55 14	110	25 6				
19	D (Includes Brockton) ³	12,202	3,027	31	11 2	13	3 -	17	2 -	5	- -				
20	2.....			3	- -	-	- -	-	- -	-	- -				
21	E (Includes Fall River and New Bedford) ³	82,972	17,750	67	37 13	30	7 5	22	13 4	21	5 3				
22	1 (Includes Pittsfield) ³	48,150	14,230	25	13 5	13	4 2	11	3 1	10	2 2				
23	Rhode Island.....	63,037	17,040	151	57 22	67	9 -	49	11 4	17	2 -				
24	A (Includes Providence, Pawtucket and Warwick) ³	61,859	16,512	145	54 22	65	9 -	48	10 4	17	2 -				
25	1.....	1,178	528	6	3 -	2	- -	1	1 -	-	- -				
26	Connecticut.....	624,381	178,600	768	357 145	340	59 15	281	116 44	109	12 4				
27	A (Includes Bridgeport, Norwalk, and Stamford) ³	117,423	31,660	197	78 30	90	11 -	68	25 9	32	3 -				
28	B (Includes Meriden, New Haven and Waterbury) ³	140,994	47,593	211	106 44	92	15 2	79	33 13	33	5 2				
29	C (Includes Hartford and New Britain) ³	263,657	75,856	252	126 53	118	24 11	82	36 16	29	2 1				
30	1.....	27,771	10,119	45	24 11	15	4 2	24	11 4	2	- -				
31	2 (Includes Groton, New London and Norwich) ³	74,536	13,372	63	23 7	25	5 -	28	11 2	13	2 1				
32	MIDDLE ATLANTIC, TOTAL.....	9,825,135	1,915,505	4,920	2,554 1,055	2,035	451 132	2,251	899 353	1,125	316 112				
33	New York.....	2,821,275	580,607	2,133	1,051 377	783	167 45	1,042	404 136	400	84 29				
34	A (Buffalo SMSA).....	826,416	144,681	204	115 56	112	27 10	101	37 22	75	20 9				
35	B (Rochester SMSA).....	241,631	55,351	137	71 32	70	21 4	66	29 13	27	6 3				
36	C (Syracuse SMSA).....	174,451	40,515	83	46 25	40	12 2	40	20 14	22	6 2				
37	D (Utica-Rome SMSA).....	61,326	16,973	39	24 14	22	6 1	23	9 5	10	2 1				
38	E (Binghamton SMSA-New York portion) (See Pennsylvania)...	19,017	4,741	31	12 6	15	3 1	17	2 -	2	- -				
39	F (Albany-Schenectady-Troy SMSA).....	166,068	35,627	39	21 13	24	6 2	20	6 5	14	3 2				

See footnotes at end of table.

Establishments and Number of Establishments Consuming Steel, Areas: 1963

Number of establishments consuming steel mill shapes and forms--Continued																		
Carbon steel--Continued									Alloy steel									
Structural shapes (331015)			Wire and wire products (331017)			All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)			Bars and bar shapes (except stainless) (331021 and 331046)			All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)			Stainless steel (mill shapes and forms) (331031, 331047, 331048, and 331049)			
Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000	
4,802	1,446	473	3,065	1,175	455	6,378	2,262	912	4,317	1,014	312	3,079	1,025	408	6,630	1,781	478	1
246	65	23	262	106	32	415	120	41	413	85	29	286	88	35	743	206	49	2
10	6	3	1	-	-	18	6	4	5	-	-	6	1	1	11	3	1	3
4	2	2	-	-	-	7	2	2	-	-	-	2	-	-	4	1	1	4
1	1	1	-	-	-	1	1	-	-	-	-	1	-	-	-	-	-	5
1	-	-	-	-	-	2	1	1	-	-	-	1	-	-	2	1	-	6
4	3	-	1	-	-	8	2	1	5	-	-	2	1	1	5	1	-	7
7	1	1	8	4	1	18	3	1	14	2	1	9	4	1	28	9	1	8
2	1	1	4	2	-	7	2	1	5	1	1	4	-	-	10	3	1	9
1	-	-	1	1	-	3	-	-	3	1	-	1	1	-	4	-	-	10
4	-	-	3	1	1	8	1	-	6	-	-	4	3	1	14	6	-	11
7	2	1	10	4	1	7	2	-	13	5	1	5	3	1	10	1	1	12
2	1	1	3	1	-	3	1	-	5	2	1	1	1	-	3	-	-	13
5	1	-	7	3	1	4	1	-	8	3	-	4	2	1	7	1	1	14
132	39	11	98	40	13	205	57	19	175	43	16	128	35	14	337	88	18	15
14	5	1	10	4	1	25	9	1	28	10	5	16	6	1	44	12	3	16
22	8	2	33	15	7	46	11	4	43	12	6	36	8	6	55	17	1	17
79	20	5	42	14	3	109	29	13	79	14	2	63	16	5	199	45	12	18
5	-	-	3	2	1	4	-	-	7	-	-	5	1	-	6	2	-	19
-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	1	-	-	20
7	3	1	9	5	1	13	5	-	11	5	1	3	2	-	22	10	2	21
5	3	2	1	-	-	7	3	1	7	2	2	4	2	2	10	2	-	22
17	3	-	29	6	2	37	14	3	25	4	-	18	3	1	52	15	5	23
17	3	-	29	6	2	35	13	3	25	4	-	17	3	1	50	14	5	24
-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	2	1	-	25
73	14	7	116	52	15	130	38	14	181	31	11	120	42	17	305	90	23	26
22	4	1	19	6	-	32	7	4	42	6	-	37	11	5	76	22	3	27
19	3	2	29	14	4	35	12	3	39	8	4	29	12	4	75	27	9	28
23	6	3	51	23	9	34	11	3	90	17	7	42	13	8	113	32	8	29
1	-	-	9	6	2	9	4	3	1	-	-	5	4	-	19	5	2	30
8	1	1	8	3	-	20	4	1	9	-	-	7	2	-	22	4	1	31
941	285	104	626	214	62	1,265	441	158	767	162	59	662	227	89	1,586	444	113	32
364	111	36	268	83	23	534	164	43	289	60	21	280	81	22	682	173	45	33
57	14	5	22	6	4	53	16	1	45	15	6	29	9	2	69	19	6	34
25	6	4	11	7	-	44	13	6	32	7	1	15	6	3	54	23	8	35
20	8	3	11	3	1	24	9	5	15	3	1	5	2	1	28	6	2	36
8	3	2	4	1	-	14	3	-	7	3	1	8	1	-	20	10	4	37
5	1	-	5	4	2	10	2	-	7	2	1	4	2	-	12	5	-	38
15	7	2	2	-	-	19	5	2	7	2	-	4	2	2	12	6	5	39

TABLE 5. Consumption of Steel Mill Shapes and Forms by Metal Fabricating by States and State Economic

	Division, State, and State economic area ¹	Total steel		Number of establishments consuming mill shapes and forms											
				Total establishments ²	Carbon steel										
					Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)			Sheet and strip (331012)		Plate (331013)					
		Quantity (short tons)	Delivered cost (\$1,000)	Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--	
				\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000	
	MIDDLE ATLANTIC--Continued														
	New York--Continued														
1	G (New York City SMSA).....	984,436	205,307	1,349	621	163	375	52	11	635	238	55	191	29	7
2	G1 (Bronx).....	122,208	23,683	139	81	20	31	2	-	70	32	9	28	6	2
3	G2 (Kings).....	373,732	72,285	459	228	57	117	17	4	237	95	16	60	12	4
4	G3 (Nassau).....	79,379	19,699	149	69	18	49	9	2	63	17	4	23	4	1
5	G4 (New York).....	35,619	10,147	166	45	6	37	5	-	65	19	3	16	2	-
6	G5 (Queens).....	243,527	53,807	260	122	38	79	11	2	123	45	14	34	2	-
7	G6 (Richmond).....	12,222	2,375	13	7	2	10	-	-	5	3	1	6	1	-
8	G7 (Rockland).....	5,554	1,344	12	5	3	4	1	-	7	4	-	-	-	-
9	G8 (Suffolk).....	17,675	4,854	71	27	5	24	1	-	30	6	1	13	1	-
10	G9 (Westchester).....	94,520	17,113	80	37	14	24	6	3	35	17	7	11	1	-
11	2.....	29,583	6,541	29	20	12	14	4	-	21	8	5	8	2	1
12	3.....	216,935	45,059	100	57	30	54	18	8	58	30	12	24	7	3
13	4.....	37,256	7,389	22	13	7	16	8	4	11	6	2	5	1	1
14	5.....	3,841	817	8	3	1	3	-	-	4	1	1	1	-	-
15	6.....	9,766	3,014	13	7	2	8	3	1	9	2	1	4	2	-
16	7.....	13,759	3,058	11	9	6	7	4	1	7	3	-	4	3	-
17	8.....	2,443	589	8	4	-	3	-	-	3	2	-	2	-	-
18	9.....	34,326	10,945	60	28	10	20	3	-	27	11	1	11	3	-
19	New Jersey.....	1,675,922	348,561	1,102	500	182	437	67	14	447	159	61	257	48	9
20	A (Allentown-Bethlehem-Easton SMSA-New Jersey portion) (See Pennsylvania).....	5,706	1,278	12	8	1	6	1	-	5	2	-	3	1	-
21	B (Newark SMSA).....	563,930	111,670	434	193	69	179	32	7	177	66	22	88	15	2
22	C (Trenton SMSA).....	128,846	26,314	38	21	10	17	2	-	20	7	5	10	2	1
23	D (Philadelphia SMSA-New Jersey portion) (See Pennsylvania)...	212,872	48,689	95	44	17	31	6	-	44	16	6	21	2	1
24	E (Atlantic City SMSA).....	1,817	380	4	3	-	2	-	-	1	1	-	-	-	-
25	F (Wilmington SMSA-New Jersey portion) (See Delaware and Maryland).....			1	-	-	-	-	-	-	-	-	1	-	-
26	2.....	6,689	1,232	14	5	1	5	-	-	5	4	1	3	-	-
27	G (Paterson-Clifton-Passaic SMSA).....	352,950	76,118	268	107	38	113	12	3	92	21	10	60	11	2
28	H (Jersey City SMSA).....	253,479	52,480	122	60	22	42	6	3	55	19	7	36	9	1
29	1.....	149,633	30,400	114	59	24	42	8	1	48	23	10	35	8	2
30	Pennsylvania.....	5,327,938	986,337	1,685	1,004	496	815	217	73	762	336	156	468	184	74
31	A (Erie SMSA).....	154,137	30,774	90	50	26	41	14	5	35	22	11	25	10	3
32	C (Scranton SMSA).....	78,169	13,558	35	24	13	16	6	1	23	13	9	10	3	1
33	D (Pittsburgh SMSA).....	1,633,172	281,561	293	176	101	153	53	21	113	51	24	94	43	20
34	E (Johnstown SMSA).....			22	12	7	10	5	2	8	4	3	9	5	1
35	5.....	215,911	34,208	11	6	4	6	2	2	8	2	2	3	1	-
36	F (Altoona SMSA).....	10,975	3,429	6	6	3	2	-	-	2	2	1	1	1	-
37	G (Wilkes-Barre-Hazleton SMSA).....	79,433	19,465	37	23	18	18	2	-	14	9	5	12	4	1
38	H (Harrisburg SMSA).....	224,192	40,289	38	27	16	20	7	3	12	6	4	11	5	2
39	J (York SMSA).....	206,441	52,331	69	40	22	35	11	5	26	17	8	20	5	4
40	K (Lancaster SMSA).....	111,328	21,420	64	41	16	30	7	1	31	21	7	14	4	2
41	L (Reading SMSA).....	205,519	29,755	46	27	12	21	5	-	32	12	4	13	6	1
42	M (Allentown-Bethlehem-Easton SMSA-Pennsylvania portion) (See New Jersey).....	175,764	28,604	50	36	18	28	8	5	27	11	3	26	12	5
43	N (Philadelphia SMSA-Pennsylvania portion) (See New Jersey).....	1,459,770	276,001	666	370	148	317	61	17	311	117	49	150	48	17
44	O (Binghamton SMSA-Pennsylvania portion) (See New York).....			2	1	1	-	-	-	1	-	-	-	-	-
45	2.....	20,024	4,767	11	6	5	4	1	1	6	2	2	-	-	-
46	1.....	485,024	93,355	119	81	42	47	16	5	48	22	11	42	19	12
47	3.....	60,271	14,823	33	20	11	19	3	1	17	9	3	9	3	1
48	4.....	97,179	19,648	36	21	13	17	4	1	22	7	4	11	5	1
49	6.....	86,557	17,570	35	22	15	16	5	3	17	7	5	12	6	2
50	7.....	24,072	4,779	22	15	5	15	7	-	9	2	1	6	4	1

See footnotes at end of table.

Establishments and Number of Establishments Consuming Steel, Areas: 1963--Continued

Number of establishments consuming steel mill shapes and forms--Continued																	
Carbon steel--Continued									Alloy steel								
Structural shapes (331015)			Wire and wire products (331017)			All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)			Bars and bar shapes (except stainless) (331021 and 331046)			All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)			Stainless steel (mill shapes and forms) (331031, 331047, 331048, and 331049)		
Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--	
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000
183	63	17	180	53	14	300	95	23	127	17	6	173	41	3	389	78	14
25	7	3	14	4	1	24	8	2	18	2	-	12	3	-	38	11	3
52	21	6	64	18	5	111	47	11	23	4	3	48	20	2	101	20	2
27	8	1	13	4	1	23	6	1	32	6	1	25	5	-	59	16	4
12	1	-	23	2	-	37	4	1	13	1	1	29	2	-	47	6	2
39	17	5	44	16	3	62	19	7	25	2	1	37	6	1	91	18	2
3	1	-	1	1	1	1	-	-	1	-	-	-	-	-	3	-	7
1	-	-	3	-	-	5	2	1	-	-	-	2	-	-	2	-	8
11	2	-	9	4	1	17	6	-	9	1	-	10	2	-	27	3	1
13	6	2	9	4	2	20	3	-	6	1	-	10	3	-	21	4	10
10	1	-	4	-	-	7	2	1	6	1	1	4	2	2	5	3	-
16	4	2	13	2	1	24	7	2	29	8	3	20	7	4	44	13	4
3	-	-	4	-	-	8	2	-	3	-	-	4	2	2	12	3	1
3	-	-	1	-	-	5	1	1	1	-	-	-	-	-	1	-	14
4	-	-	3	2	-	5	1	-	1	-	-	2	1	1	5	2	1
5	3	1	3	1	-	6	2	1	1	-	-	1	1	1	-	-	16
-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	4	2	-
10	1	-	5	4	1	15	6	1	8	2	1	10	5	1	27	3	-
205	44	18	138	40	11	272	85	32	179	24	6	159	41	14	394	92	19
1	1	-	1	1	-	3	1	-	-	-	-	1	-	-	4	1	-
64	10	7	54	11	2	97	26	8	88	13	4	69	21	6	170	40	10
10	4	3	9	5	2	5	1	-	6	-	-	3	-	-	12	3	1
19	5	1	13	4	1	23	9	4	10	1	-	10	2	2	31	8	1
-	-	-	-	-	-	1	1	-	1	-	-	2	-	-	2	-	24
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	25
4	-	-	3	-	-	7	1	-	2	-	-	1	1	-	1	-	26
49	8	4	22	12	5	64	18	9	45	6	1	32	10	2	95	19	2
23	6	2	23	3	1	40	19	7	11	2	1	24	4	2	33	10	2
35	10	1	13	4	-	32	9	4	16	2	-	17	3	2	45	11	3
365	130	50	220	91	29	459	192	84	299	78	33	224	105	53	510	179	49
15	7	2	9	2	1	25	10	3	16	5	-	11	5	3	29	12	2
12	5	1	6	2	-	14	5	1	3	-	-	4	2	-	12	2	1
65	27	14	40	19	5	82	40	20	55	18	7	41	26	14	70	21	8
4	3	1	1	-	-	8	2	1	2	1	1	3	-	-	2	1	-
3	1	-	2	-	-	3	2	2	2	-	-	1	-	-	1	-	35
1	-	-	1	1	1	2	2	-	1	1	1	-	-	-	2	-	36
9	4	1	5	3	3	7	4	3	7	4	2	6	4	2	12	6	2
12	6	4	7	2	-	12	6	2	8	5	3	3	2	1	5	1	-
19	5	1	9	4	4	28	10	5	12	3	2	9	5	2	20	7	2
11	3	-	10	5	2	17	6	3	10	1	-	2	1	1	16	4	2
10	4	1	7	3	-	8	2	1	8	2	1	6	4	1	16	7	1
18	8	5	7	2	-	13	4	2	13	3	1	11	6	2	14	4	1
129	37	12	94	35	9	164	64	21	114	20	7	93	32	18	235	81	21
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1
-	-	-	-	-	-	3	3	2	2	-	-	2	1	1	-	-	44
33	11	5	9	5	1	41	18	10	24	7	-	23	12	6	35	13	3
7	2	-	5	3	2	10	4	2	7	-	-	4	3	1	12	8	-
4	2	1	3	2	-	5	2	1	5	2	2	3	1	-	9	4	47
7	4	2	3	2	1	11	6	4	3	2	1	1	1	1	13	6	3
6	1	-	2	1	-	6	2	1	7	2	1	1	-	-	6	1	50

TABLE 5. Consumption of Steel Mill Shapes and Forms by Metal Fabricating by States and State Economic

1	Division, State, and State economic area ¹	Total steel		Number of establishments consuming mill shapes and forms											
				Total establishments ²		Carbon steel									
						Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)					
		Quantity (short tons)	Delivered cost (\$1,000)	Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--	
					\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000
1	EAST NORTH CENTRAL, TOTAL....	30,945,948	5,534,360	8,414	4,835	2,346	4,370	1,304	437	3,925	1,958	943	1,993	642	247
2	Ohio.....	8,297,374	1,512,231	2,168	1,309	678	1,179	343	111	1,021	531	276	612	214	84
3	A (Toledo SMSA-Ohio portion) (See Michigan).....	420,865	72,061	106	66	34	53	13	8	58	37	19	27	12	2
4	B (Columbus SMSA).....	365,015	86,705	115	59	33	62	18	6	58	24	12	28	8	4
5	C (Dayton SMSA).....	940,143	159,482	147	79	35	92	26	5	64	27	14	41	12	1
6	D (Hamilton-Middletown SMSA).....	2,146,790	382,497	24	16	9	12	3	1	10	5	2	7	2	-
7	E (Cleveland SMSA).....	555,750	98,284	690	405	196	390	105	29	276	141	72	162	52	18
8	F (Akron SMSA).....	537,939	113,169	147	69	27	80	14	3	44	19	8	65	21	8
9	G (Canton SMSA).....	797,751	128,359	76	43	32	31	17	8	37	17	12	19	7	5
10	H (Youngstown-Warren SMSA).....			97	70	50	41	17	7	60	42	29	35	18	10
11	J (Steubenville-Weirton SMSA-Ohio portion) (See West Virginia).....	23,300	2,507	5	4	3	-	-	-	4	3	3	2	1	1
12	K (Cincinnati SMSA-Ohio portion) (See Kentucky and Indiana).....	546,223	108,726	209	116	51	111	23	6	100	45	20	51	15	5
13	L (Huntington-Ashland SMSA-Ohio portion) (See Kentucky and West Virginia).....	3,736	610	4	3	1	4	-	-	3	-	-	4	1	-
14	M (Lorain-Elyria SMSA).....	133,297	27,356	42	29	22	21	12	6	16	11	6	7	4	2
15	N (Springfield SMSA).....	108,480	19,043	39	24	13	31	9	4	23	9	5	14	5	2
16	P (Wheeling SMSA-Ohio portion) (See West Virginia).....	71,493	10,891	7	7	3	3	-	-	6	4	3	3	1	-
17	R (Lima SMSA).....	66,029	13,966	26	20	11	14	7	2	18	10	5	8	3	1
18	1.....	266,254	49,947	80	55	29	33	15	5	45	25	10	17	4	3
19	2.....	314,339	59,209	78	60	32	49	22	7	49	31	12	33	19	9
20	3.....	108,317	21,006	47	32	11	29	8	2	28	14	8	12	3	1
21	4.....	563,722	95,178	82	56	29	45	10	2	51	28	16	23	7	1
22	5.....	99,986	17,696	51	32	17	31	8	3	21	12	6	24	8	4
23	6.....	172,674	35,951	65	46	29	37	14	6	34	18	8	24	10	6
24	7.....			5	4	2	-	-	-	2	1	1	-	-	-
25	8.....	55,271	9,588	26	14	9	10	2	1	14	8	5	6	1	1
26	Indiana.....	3,659,191	664,298	836	496	268	447	129	51	458	248	126	206	67	23
27	A (Gary-Hammond-East Chicago SMSA).....	650,798	116,671	59	41	29	36	16	8	34	17	12	21	8	6
28	B (South Bend SMSA).....	245,982	40,769	68	36	19	44	15	4	23	15	7	19	9	3
29	C (Fort Wayne SMSA).....	161,855	34,325	44	22	15	31	6	2	20	10	7	20	5	2
30	D (Indianapolis SMSA).....	601,637	113,676	187	93	41	97	24	6	84	40	17	50	19	2
31	E (Evansville SMSA-Indiana portion) (See Kentucky).....	217,233	36,719	23	13	9	16	6	2	14	6	5	10	4	1
32	F (Louisville SMSA-Indiana portion) (See Kentucky).....	7,920	1,420	12	6	1	6	-	-	8	4	1	5	1	-
33	G (Anderson SMSA).....	201,935	34,113	21	13	9	9	3	2	10	6	2	3	1	1
34	H (Muncie SMSA).....	122,412	28,500	29	15	8	15	5	3	15	7	2	5	2	1
35	J (Terre Haute SMSA).....	45,232	7,115	12	8	4	5	1	-	7	3	2	4	2	1
36	K (Cincinnati SMSA-Indiana portion) (See Ohio and Kentucky).....			3	1	1	1	1	-	1	-	-	1	-	-
37	8.....	109,516	19,829	12	11	9	6	3	-	9	6	5	4	3	1
38	1.....	223,756	38,616	94	57	31	38	11	6	65	35	17	16	3	1
39	2.....	43,585	7,261	22	18	10	9	4	2	8	6	1	3	1	1
40	3.....	130,295	25,153	56	36	17	31	11	5	38	20	9	10	2	-
41	4.....	638,273	107,285	74	52	33	43	15	9	52	34	21	17	2	1
42	5.....	107,727	21,392	28	17	12	15	3	1	11	8	7	3	1	-
43	6.....	38,296	6,585	15	9	4	7	2	-	9	5	2	3	1	1
44	7.....	30,966	4,885	14	7	3	9	-	-	10	3	2	3	1	1
45	9.....	81,773	19,984	63	41	13	29	3	1	40	23	7	9	2	-
46	Illinois.....	6,733,554	1,232,753	2,401	1,314	615	1,094	313	106	1,197	520	228	460	136	55
47	A (Davenport-Rock Island-Moline SMSA-Illinois portion) (See Iowa).....	284,745	45,543	47	31	20	32	17	8	28	18	10	20	10	5
48	B (Rockford SMSA).....	316,447	65,656	153	83	37	86	31	11	57	19	7	25	7	2

See footnotes at end of table.

Establishments and Number of Establishments Consuming Steel, Areas: 1963--Continued

Number of establishments consuming steel mill shapes and forms--Continued																		
Carbon steel--Continued									Alloy steel									
Structural shapes (331015)			Wire and wire products (331017)			All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)			Bars and bar shapes (except stainless) (331021 and 331046)			All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)			Stainless steel (mill shapes and forms) (331031, 331047, 331048, and 331049)			
Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000	
1,430	406	126	1,120	479	231	2,089	773	320	1,909	539	179	1,073	392	176	2,134	599	179	1
405	113	30	304	116	61	551	199	80	499	156	53	285	106	50	599	183	43	2
18	6	2	16	3	-	22	9	1	20	4	2	8	3	1	24	5	1	3
26	8	1	14	4	3	31	6	2	24	8	4	17	7	4	34	13	5	4
22	4	1	20	9	5	39	8	3	48	12	2	26	5	2	55	16	6	5
7	2	-	3	1	-	10	2	1	4	3	-	6	3	1	8	5	2	6
38	9	2	28	9	2	56	24	14	36	10	5	19	5	4	58	18	4	7
91	24	7	106	40	25	159	54	24	195	57	20	107	43	19	205	64	11	8
38	5	1	16	10	8	30	6	2	38	12	1	22	4	2	27	5	1	9
15	4	2	15	7	2	21	11	4	19	11	7	14	7	4	25	6	4	10
30	16	8	10	5	3	23	9	6	12	3	1	12	4	2	25	9	1	11
1	-	-	-	-	-	4	2	1	1	-	-	-	-	-	1	-	-	12
4	2	-	1	-	-	2	1	-	-	-	-	-	-	-	1	-	-	13
3	2	1	11	6	2	14	7	2	9	4	2	3	3	-	21	10	1	14
8	2	-	9	2	-	12	6	1	8	3	1	5	2	1	7	-	-	15
3	-	-	1	1	-	3	2	1	1	-	-	-	-	-	-	-	-	16
5	1	-	3	1	-	6	4	1	5	2	1	4	3	2	10	3	-	17
9	1	-	6	1	-	19	12	6	11	5	1	7	3	2	15	4	1	18
26	14	3	14	4	3	20	9	4	21	4	1	8	3	1	9	3	-	19
7	2	1	6	2	1	10	2	-	12	4	-	3	1	-	10	3	1	20
20	3	-	11	3	1	25	9	2	11	5	1	6	3	3	28	7	3	21
12	-	-	5	4	2	17	7	2	11	2	1	7	-	-	16	6	-	22
18	7	1	5	3	3	21	6	2	12	7	3	7	5	2	14	5	2	23
1	-	-	2	1	1	-	-	-	-	-	-	1	-	-	2	-	-	24
3	1	-	2	-	-	7	3	1	1	-	-	3	2	-	4	1	-	25
150	43	20	101	47	20	229	98	42	177	52	23	121	46	27	212	61	22	26
17	7	4	9	3	1	16	8	6	10	4	3	9	4	4	11	5	2	27
11	6	4	5	2	1	14	5	1	24	7	1	9	4	2	15	2	-	28
15	4	1	2	1	1	14	4	1	13	4	2	12	6	4	13	2	2	29
29	9	4	13	4	2	47	18	6	51	15	7	24	8	4	66	17	8	30
10	3	3	7	4	1	11	7	2	6	2	-	6	1	1	5	2	1	31
4	-	-	-	-	-	2	-	-	1	-	-	-	-	-	2	-	-	32
1	-	-	6	5	2	7	4	2	3	1	-	5	2	-	9	2	1	33
5	-	-	2	1	-	6	3	1	11	3	3	8	3	2	7	1	1	34
4	1	-	1	-	-	5	4	1	2	-	-	3	-	-	-	-	-	35
-	-	-	-	-	-	2	1	-	-	-	-	2	1	-	1	1	-	36
2	1	-	1	1	-	5	4	2	1	-	-	1	1	1	3	3	1	37
23	7	2	11	5	1	27	10	4	16	4	-	14	6	4	20	7	1	38
1	-	-	7	5	2	9	7	5	2	1	-	1	-	-	3	2	-	39
4	-	-	8	5	4	12	4	2	8	2	1	6	4	1	19	4	1	40
8	1	-	11	4	2	17	5	3	16	5	3	6	1	1	20	7	2	41
1	-	-	3	1	-	7	2	1	5	1	-	3	1	1	5	3	1	42
2	1	1	4	2	1	7	1	1	2	-	-	2	-	-	-	-	-	43
4	3	1	2	1	-	2	1	-	1	-	-	2	-	-	-	-	-	44
9	-	-	9	3	2	19	10	4	5	3	3	8	4	2	11	3	1	45
366	104	35	360	165	72	617	253	103	449	112	37	287	111	45	652	163	43	46
18	14	2	11	2	1	20	12	8	13	2	-	1	1	-	12	1	1	47
15	3	-	26	19	8	33	10	6	44	8	4	16	5	2	43	14	6	48

TABLE 5. Consumption of Steel Mill Shapes and Forms by Metal Fabricating by States and State Economic

Division, State, and State economic area ¹		Number of establishments consuming mill shapes and forms													
		Total steel		Carbon steel											
				Total establishments ²		Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)				Sheet and strip (331012)		Plate (331013)			
						Consuming in excess of--		Consuming in excess of--		Consuming in excess of--		Consuming in excess of--			
														Quantity (short tons)	Delivered cost (\$1,000)
EAST NORTH CENTRAL--Continued															
Illinois--Continued															
1	C (Chicago SMSA).....	4,770,617	887,397	1,830	966	424	795	211	68	887	370	150	313	80	28
2	C1 (Cook County).....	4,212,060	786,948	1,583	840	363	698	183	58	762	315	124	267	66	19
3	C2 (Du Page County).....	558,557	100,449	247	126	61	97	28	10	125	55	26	46	14	9
4	C3 (Kane County).....														
5	C4 (Lake County).....														
6	C5 (McHenry County).....														
7	C6 (Will County).....														
8	D (Peoria SMSA).....	174,196	31,076	43	26	15	22	6	1	23	11	4	10	5	3
9	E (Springfield SMSA).....	73,621	13,387	14	8	5	6	1	1	11	5	2	6	3	2
	F (St. Louis SMSA-Illinois														
10	portion) (See Missouri).....	145,730	20,214	33	17	10	16	1	1	19	11	7	11	-	-
11	G (Decatur SMSA).....	63,317	10,706	18	11	5	9	2	1	8	2	1	6	3	1
12	H (Champaign-Urbana SMSA).....	149,930	30,984	9	6	2	3	1	1	3	3	-	1	1	1
13	6.....														
14	1.....														
15	3.....														
16	4.....	182,705	34,434	56	33	18	32	12	3	30	14	7	6	2	2
17	5.....	172,967	30,549	25	18	11	10	4	1	19	8	6	5	2	2
18	6.....	99,163	15,285	26	17	8	11	5	1	17	10	4	12	5	2
19	7.....	161,996	25,024	37	23	15	16	8	2	28	15	9	16	6	2
20	8.....	75,039	11,828	8	7	7	3	1	1	4	4	4	1	1	1
21	9.....	24,479	4,016	11	7	5	5	1	-	7	4	2	5	2	1
22	10.....	4,508	1,068	8	6	1	4	-	-	5	-	-	2	-	-
	11.....	34,094	5,586	16	7	4	6	1	1	8	4	3	3	-	-
23	Michigan.....														
24	A (Saginaw SMSA).....														
25	B (Grand Rapids SMSA).....														
26	C (Muskegon-Muskegon Heights	9,860,190	1,671,600	2,207	1,239	566	1,184	377	134	861	473	236	483	133	42
27	SMSA).....	160,752	30,488	36	19	12	26	9	3	16	6	2	8	3	-
28	D (Flint SMSA).....	786,568	127,888	156	90	42	76	18	5	84	45	23	33	9	1
29	J (Ann Arbor SMSA).....	55,832	14,813	43	26	13	23	8	2	15	7	2	11	3	2
30	L (Toledo SMSA-Michigan														
31	portion) (See Ohio).....														
32	7.....														
33	E (Lansing SMSA).....	1,979,376	320,169	17	11	3	9	2	1	11	5	3	5	-	-
34	F (Detroit SMSA).....	573,976	89,981	47	25	9	23	8	2	26	14	4	6	2	-
35	F1 (Wayne County).....	5,386,948	904,456	47	23	15	33	10	6	21	11	7	9	2	-
36	F2 (Macomb County).....	1,364,603	239,061	580	299	112	308	87	27	165	98	46	113	29	10
37	F3 (Oakland County).....														
38	G (Kalamazoo SMSA).....														
39	H (Jackson SMSA).....														
40	K (Bay City SMSA).....	63,114	12,860	46	30	12	29	5	1	24	11	7	11	1	-
41	1.....	205,486	37,204	62	39	18	36	17	6	27	15	6	8	4	-
42	2.....	53,151	11,813	22	13	8	10	3	2	11	6	2	3	3	1
43	3.....	4,631	7	5	3	5	5	-	6	1	1	4	4	1	1
44	4.....	17,258	2,875	10	7	2	6	1	-	9	5	1	2	1	1
45	5.....	7,696	2,331	17	10	3	7	2	-	4	1	-	4	-	-
46	6.....	37,887	8,376	38	26	8	25	4	1	17	11	4	9	1	-
47	7.....	80,527	14,371	45	31	19	20	8	1	31	21	11	8	1	-
48	8.....	174,092	31,428	76	35	19	36	9	4	33	16	7	15	3	2
49	9.....	28,029	5,093	25	13	6	12	5	-	9	3	2	8	3	1
50	10.....	223,567	52,823	120	67	37	60	20	8	58	29	11	20	1	1
51	Wisconsin.....	2,395,639	453,478	802	477	225	466	142	35	388	186	77	232	92	43
52	A (Duluth-Superior SMSA-														
53	Wisconsin portion) (See														
54	Minnesota).....	2,352	352	4	2	-	4	1	-	2	-	-	2	1	-
55	B (Madison SMSA).....	19,878	3,425	26	11	3	10	-	-	19	7	2	6	1	-
56	C (Milwaukee SMSA).....	1,615,712	283,605	335	202	101	205	70	20	153	77	31	112	52	31
57	D (Racine SMSA).....	91,089	17,183	71	32	13	49	15	2	27	15	5	8	2	1
58	F (Kenosha SMSA).....	284,047	65,442	23	13	3	16	5	1	8	2	1	6	-	-
59	3.....														
60	4.....														
61	8.....														
62	G (Green Bay SMSA).....	59,784	10,566	21	14	9	13	3	2	11	6	3	7	2	1
63	1.....	5,797	2,799	14	8	3	5	-	-	6	1	-	2	-	-
64	2.....	62,380	11,398	35	19	8	17	4	1	18	9	5	6	3	2
65	4.....	58,569	11,773	33	19	11	17	5	1	14	5	3	13	6	2
66	5.....	4,663	1,060	8	5	3	2	-	-	5	1	1	1	1	1
67	6.....	25,010	6,126	25	15	6	11	3	1	13	4	-	12	7	1
68	7.....	166,358	39,749	114	73	39	66	23	4	56	27	14	28	8	2

See footnotes at end of table.

Number of establishments consuming steel mill shapes and forms--Continued																		
Carbon steel--Continued									Alloy steel									
Structural shapes (331015)			Wire and wire products (331017)			All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)			Bars and bar shapes (except stainless) (331021 and 331046)			All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)			Stainless steel (mill shapes and forms) (331031, 331047, 331048, and 331049)			
Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000	
248	60	20	259	111	51	440	184	70	341	85	24	222	85	37	526	127	32	1
215	52	19	229	100	47	379	158	60	293	71	18	195	74	30	460	113	28	2
33	8	1	30	11	4	61	26	10	48	14	6	27	11	7	66	14	4	3
12	3	1	9	7	4	14	6	3	4	2	2	6	4	2	5	2	-	4
5	1	1	5	-	-	9	3	1	1	1	1	3	2	-	6	2	-	5
6	1	1	5	2	1	6	-	-	7	1	1	3	1	-	5	-	-	6
7	4	2	3	1	-	6	1	-	3	2	1	2	2	-	9	2	-	7
1	1	-	1	-	-	6	3	1	1	1	-	2	1	1	-	-	-	8
12	2	1	9	6	2	17	11	5	8	2	1	11	4	1	12	5	1	9
3	-	-	14	10	4	19	7	4	10	2	-	5	1	-	13	3	-	10
3	1	1	7	4	1	8	3	1	3	2	1	2	1	1	5	3	2	11
13	6	2	2	-	-	8	2	-	-	1	-	-	-	-	-	-	-	12
12	4	1	6	3	-	17	8	1	4	1	1	3	1	1	6	1	-	13
2	2	2	-	-	-	1	1	1	1	-	-	-	-	-	2	2	-	14
3	1	1	-	-	-	4	1	1	1	1	-	1	-	-	-	-	-	15
2	-	-	1	-	-	2	-	-	2	1	1	2	2	-	1	1	-	16
2	-	-	2	-	-	6	1	1	4	-	-	4	-	-	1	-	-	17
2	1	-	-	-	-	1	-	-	-	-	-	1	1	-	1	-	-	18
313	94	25	271	122	67	416	135	58	632	174	52	281	93	36	438	104	37	19
9	4	1	3	2	-	7	5	4	15	6	3	3	-	-	7	1	1	20
23	3	1	26	13	4	35	11	3	25	8	2	13	2	1	34	10	3	21
6	2	2	7	4	3	12	4	1	12	4	1	4	2	2	13	3	1	22
9	5	2	9	3	2	12	3	1	12	3	2	5	3	1	11	4	2	23
6	1	-	10	4	3	8	4	1	13	4	-	12	4	2	13	2	1	24
4	-	-	1	1	-	5	2	-	5	1	1	6	2	-	3	1	1	25
5	2	-	8	3	1	9	3	1	6	-	-	2	-	-	11	3	1	26
13	7	2	3	1	-	14	8	-	16	9	5	7	2	1	14	4	1	27
162	49	12	141	65	39	212	60	27	437	119	29	181	64	23	228	47	17	28
11																		

TABLE 5. Consumption of Steel Mill Shapes and Forms by Metal Fabricating by States and State Economic

	Division, State, and State economic area ¹	Total steel		Number of establishments consuming mill shapes and forms												
				Total establishments ²	Carbon steel											
					Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)			Sheet and strip (331012)		Plate (331013)						
		Quantity (short tons)	Delivered cost (\$1,000)	Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		
				\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		
1	WEST NORTH CENTRAL, TOTAL....	3,047,335	571,507	1,615	898	381	847	210	43	972	393	145	473	129	43	
2	Minnesota.....	616,543	122,215	443	222	89	223	49	6	264	102	30	109	23	7	
3	A (Duluth-Superior SMSA-Minnesota portion) (See Wisconsin).....	16,379	2,528	12	7	2	7	1	1	5	-	-	5	3	-	
4	B (Minneapolis-St. Paul SMSA)..	449,328	88,361	315	161	66	156	31	5	187	72	23	81	14	7	
5	C (Fargo-Moorhead SMSA-Minnesota portion) (See North Dakota).....															
6	1.....	2,829	561	1	1	-	1	1	-	1	-	-	-	-	-	
7	2.....			5	1	-	3	1	-	4	1	-	-	-	-	-
8	3.....			2	-	-	1	-	-	1	-	-	-	1	-	-
9	4.....			2	1	-	-	-	-	1	1	-	-	-	-	-
10	5.....	1,610	530	9	2	1	4	-	-	5	1	-	3	-	-	
11	6.....	1,916	443	9	3	-	5	1	-	4	2	-	-	-	-	
12	7.....	71,928	14,970	51	28	12	24	9	-	34	16	4	11	3	-	
13	8.....	65,855	13,371	23	12	6	14	2	-	15	6	3	6	2	-	
		6,698	1,451	14	6	2	8	3	-	7	3	-	2	1	-	
14	Iowa.....	724,423	123,069	315	196	86	192	54	19	202	96	42	113	34	14	
15	A (Sioux City SMSA).....	17,396	3,337	13	10	3	9	4	1	9	3	-	6	1	-	
16	B (Omaha SMSA-Iowa portion) (See Nebraska).....															
17	1.....	39,446	6,270	5	3	1	3	1	-	4	2	1	2	1	1	
18	C (Des Moines SMSA).....	157,101	23,909	25	15	5	19	3	1	19	8	2	12	3	1	
19	D (Davenport-Rock Island-Moline SMSA-Iowa portion) (See Illinois).....			40	22	15	18	6	3	23	14	8	11	6	2	
20	E (Waterloo SMSA).....	44,637	7,718	30	15	5	20	4	1	10	5	4	12	1	1	
21	F (Cedar Rapids SMSA).....	98,074	16,590	26	15	8	17	4	3	19	13	6	11	1	1	
22	G (Dubuque SMSA).....	57,118	11,831	28	22	8	16	7	3	18	5	-	10	7	3	
23	1.....	29,229	4,922	16	9	4	11	3	1	12	2	2	6	2	-	
24	2.....	37,220	6,318	42	23	7	25	6	-	25	13	5	14	2	-	
25	3.....	43,432	7,829	22	15	7	18	5	2	15	6	1	7	3	1	
26	4.....	22,160	4,115	12	7	4	5	2	1	8	5	3	5	3	1	
27	5.....	97,228	16,328	28	23	9	16	4	1	19	13	5	9	1	1	
	6.....	81,382	13,902	28	17	10	15	5	2	21	7	5	8	3	2	
28	Missouri.....	1,117,848	218,605	515	275	116	235	55	13	307	108	44	132	35	8	
29	A (Kansas City SMSA-Missouri portion) (See Kansas).....	176,275	37,411	112	49	17	45	12	-	69	17	5	27	8	2	
30	B (St. Louis SMSA-Missouri portion) (See Illinois).....	729,503	137,983	294	161	66	139	30	9	170	66	28	76	20	6	
31	C (Springfield SMSA).....	21,229	5,394	14	7	6	10	3	1	14	5	2	8	2	-	
32	D (St. Joseph SMSA).....	22,721	6,655	9	8	4	5	3	-	4	1	-	2	1	-	
33	1.....	2,977	694	6	3	1	2	-	-	1	-	-	-	-	-	
34	2.....	54,521	9,728	19	13	8	7	3	2	8	6	5	1	1	-	
35	3.....	43,382	7,313	5	2	1	1	-	5	2	1	-	-	-	-	
36	4.....			3	1	1	2	1	-	3	1	1	1	1	-	-
37	5.....			2	-	-	-	-	-	2	-	-	-	-	-	-
38	6.....			5	5	2	2	-	-	5	4	1	1	-	-	-
39	7.....	45,043	10,000	30	17	7	15	2	-	14	2	-	10	1	-	
40	8.....	1,452	249	6	3	-	3	-	-	5	1	-	3	-	-	
41	9.....	20,745	3,178	10	6	3	4	1	1	7	3	1	3	1	-	
42	North Dakota.....	20,311	3,483	24	11	5	12	2	-	11	5	1	7	2	-	
43	A (Fargo-Moorhead SMSA-North Dakota portion) (See Minnesota).....	13,370	2,286	8	7	3	6	1	-	5	3	-	4	2	-	
44	1.....	6,941	1,197	2	-	-	-	-	-	-	-	-	-	-	-	
45	2.....			3	-	-	-	-	-	1	-	-	-	-	-	-
46	3.....			8	4	2	4	1	4	2	1	3	-	-	-	-
47	4.....			3	-	-	2	-	-	1	-	-	-	-	-	-
48	South Dakota.....	34,063	5,559	27	15	5	10	5	-	13	7	1	11	4	1	
49	A (Sioux Falls SMSA).....	27,683	4,263	9	6	5	5	4	-	6	4	1	5	3	1	
50	1.....	1,751	321	5	2	-	-	-	-	2	1	-	2	1	-	
51	3.....			1	-	-	-	-	-	-	-	-	-	-	-	-
52	4.....			2	1	-	-	-	-	-	-	-	-	-	-	-
53	2.....			6	4	-	3	-	3	1	-	3	1	-	3	-
54	5.....	1,191	259	4	2	-	2	1	-	2	1	-	1	-	-	

See footnotes at end of table.

Establishments and Number of Establishments Consuming Steel, Areas: 1963--Continued

Number of establishments consuming steel mill shapes and forms--Continued																		
Carbon steel--Continued									Alloy steel									
Structural shapes (331015)			Wire and wire products (331017)			All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)			Bars and bar shapes (except stainless) (331021 and 331046)			All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)			Stainless steel (mill shapes and forms) (331031, 331047, 331048, and 331049)			
Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000	
419	113	43	241	77	31	492	171	58	221	45	5	147	46	14	364	93	28	1
88	19	7	54	14	7	125	39	17	61	16	1	36	7	2	116	27	8	2
5	1	1	1	-	-	4	1	1	3	2	-	1	-	-	1	-	-	3
66	17	6	36	10	5	76	30	12	48	10	1	30	5	2	98	24	7	4
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	1	-	-	6
1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	7
-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	8
2	-	-	-	-	-	3	-	-	-	-	-	-	-	-	2	1	-	9
1	-	-	-	-	-	5	-	-	2	-	-	-	-	-	-	-	-	10
8	1	-	13	3	1	15	5	2	5	2	-	4	2	-	10	1	-	11
1	-	-	1	1	1	9	3	2	-	-	-	1	-	-	4	1	1	12
3	-	-	2	-	-	9	-	-	3	2	-	-	-	-	-	-	-	13
97	25	11	64	20	8	96	35	8	41	10	3	29	10	3	52	6	2	14
3	1	1	-	-	-	6	3	-	1	1	-	1	-	-	-	-	-	15
3	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	16
5	-	-	6	-	-	9	2	-	2	-	-	1	-	-	3	-	-	17
9	5	2	9	6	2	16	6	3	2	1	1	3	1	1	7	1	-	18
13	4	1	2	-	-	6	1	-	9	-	-	6	2	-	6	1	-	19
7	1	1	7	1	-	6	4	2	5	1	-	-	-	-	5	1	-	20
10	4	3	7	4	2	10	4	-	7	2	1	6	5	1	9	1	1	21
6	3	-	6	1	1	5	1	-	2	2	-	-	-	-	3	-	-	22
14	1	-	7	-	-	11	3	1	3	-	-	3	-	-	2	-	-	23
10	2	1	3	2	1	7	2	1	3	1	1	3	-	-	5	1	1	24
6	1	-	3	1	-	3	1	-	2	1	-	1	-	-	-	-	-	25
4	1	1	5	3	-	7	3	-	2	-	-	2	-	-	7	1	-	26
7	1	-	9	2	2	9	5	1	3	1	-	3	2	1	5	-	-	27
116	32	12	72	29	12	133	53	15	66	9	1	38	13	5	142	47	14	28
22	5	2	12	3	1	26	9	2	8	1	-	7	3	1	26	10	3	29
67	17	4	41	18	7	74	30	9	46	6	1	23	7	4	92	32	9	30
6	3	1	5	-	-	4	3	1	2	1	-	2	2	-	6	1	1	31
2	1	1	2	2	1	3	2	1	-	-	-	-	-	-	-	-	-	32
-	-	-	2	2	1	1	1	-	1	1	-	-	-	-	1	-	-	33
3	2	2	3	1	-	5	1	-	-	-	-	1	1	-	3	2	1	34
-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	1	-	-	35
1	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	36
-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	37
2	1	-	1	-	-	3	-	-	-	-	-	-	-	-	1	1	-	38
8	2	1	5	-	2	10	4	2	6	-	-	3	-	-	7	1	-	39
1	-	-	-	-	-	-	-	-	1	-	-	1	-	-	1	-	-	40
4	1	1	1	-	-	4	2	-	1	-	-	-	-	-	3	-	-	41
5	1	1	4	2	-	20	5	2	4	-	-	1	1	-	-	-	-	42
4	1	1	1	1	-	5	4	1	2	-	-	1	1	-	-	-	-	43
-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	44
-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	45
1	-	-	3	1	-	8	1	1	1	-	-	-	-	-	-	-	-	46
-	-	-	-	-	-	3	-	-	1	-	-	-	-	-	-	-	-	47
10	4	1	2	1	-	14	5	2	2	-	-	2	-	-	3	1	-	48
5	3	1	1	1	-	5	3	2	-	-	-	1	-	-	-	-	-	49
1	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	50
-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	51
1	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	52
1	1	-	-	-	-	4	2	-	2	-	-	1	-	-	2	-	-	53
2	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	1	-	54

TABLE 5. Consumption of Steel Mill Shapes and Forms by Metal Fabricating by States and State Economic

1	Division, State, and State economic area ¹	Total steel		Number of establishments consuming mill shapes and forms													
				Total establishments ²		Carbon steel											
						Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)				Sheet and strip (331012)				Plate (331013)			
						Total		Consuming in excess of--		Total		Consuming in excess of--		Total		Consuming in excess of--	
		Quantity (short tons)	Delivered cost (\$1,000)	Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--			
			\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000	
	WEST NORTH CENTRAL--Continued																
1	Nebraska.....	274,254	50,517	97	64	34	55	22	3	54	28	17	33	9	3		
2	A (Lincoln SMSA).....	44,014	6,451	17	13	6	11	4	-	10	2	2	9	4	1		
3	B (Omaha SMSA-Nebraska portion) (See Iowa).....	154,470	27,891	39	23	15	20	5	1	18	11	7	11	4	2		
4	C.....	8,138	1,543	2	1	-	1	1	-	2	1	-	-	-	-		
5	6.....			5	4	2	2	1	-	4	2	1	2	-	-		
6	2.....	2,336	386	5	1	-	2	1	-	3	-	-	2	-	-		
7	4.....			3	1	-	3	1	-	-	-	-	-	-	-		
8	3.....	46,420	8,927	11	9	3	8	4	2	6	5	2	3	1	-		
9	5.....	12,324	2,365	7	6	5	4	4	-	7	6	4	3	-	-		
10	7.....	6,552	2,954	8	6	3	4	1	-	4	1	1	3	-	-		
11	Kansas.....	259,893	48,059	194	115	46	120	23	2	121	47	10	68	22	9		
12	A (Wichita SMSA).....	60,204	12,910	51	25	11	30	7	-	29	11	4	14	6	2		
13	B (Kansas City SMSA-Kansas portion) (See Missouri).....	82,064	12,983	30	20	10	19	6	-	17	10	1	15	5	3		
14	C (Topeka SMSA).....	14,377	3,850	12	6	4	8	1	-	8	2	1	6	1	-		
15	1.....	5,557	976	9	5	1	5	1	-	5	2	-	2	-	-		
16	2.....	11,982	2,063	16	12	2	10	2	1	10	3	-	6	2	-		
17	3.....	37,955	6,913	37	25	8	25	4	1	28	14	2	12	3	-		
18	5.....	7,447	1,239	7	5	2	5	-	-	4	2	1	2	1	-		
19	6.....	7,824	1,423	9	4	2	6	-	-	7	-	-	3	1	1		
20	7.....	10,483	1,736	5	4	2	1	-	-	4	2	1	2	1	1		
21	8.....	22,000	3,966	18	9	4	11	2	-	9	1	-	6	2	2		
22	SOUTH ATLANTIC, TOTAL.....	3,151,508	576,006	1,454	808	385	627	152	38	699	293	108	403	121	44		
23	Delaware.....	98,971	16,298	31	19	13	12	3	2	16	6	2	11	5	3		
24	A (Wilmington SMSA-Delaware portion) (See Maryland and New Jersey).....	94,803	15,529	24	14	12	10	3	2	12	2	1	11	5	3		
25	1.....	4,168	769	7	5	1	2	-	-	4	4	1	-	-	-		
26	Maryland.....	722,443	134,280	228	143	72	88	21	5	95	44	19	64	19	9		
27	A (Baltimore SMSA).....	594,211	110,352	163	106	52	68	13	3	69	31	15	46	15	6		
28	B (Washington, D.C. SMSA-Maryland portion) (See District of Columbia and Virginia).....	53,465	7,966	25	9	7	4	-	-	7	2	2	5	1	1		
29	C (Wilmington SMSA-Maryland portion) (See Delaware and New Jersey).....																
30	4.....	37,556	8,023	3	2	1	2	1	-	1	-	-	2	1	1		
31	1.....			11	7	4	2	1	-	5	2	1	3	-	-		
32	2.....	37,211	7,939	4	2	1	1	-	-	-	-	-	-	-	-		
33	District of Columbia.....	6,335	1,043	22	17	7	11	6	2	13	9	1	8	2	1		
34	A (Washington, D.C. SMSA-District of Columbia portion) (See Maryland and Virginia)...	6,335	1,043	12	6	1	7	-	-	8	-	-	7	3	1		
35	Virginia.....	445,691	79,175	179	99	51	77	21	6	89	35	18	61	22	8		
36	A (Roanoke SMSA).....	82,718	1,471	15	11	6	7	6	1	6	3	1	6	3	1		
37	B (Washington, D.C. SMSA-Virginia portion) (See District of Columbia and Maryland).....	37,520	5,594	19	8	5	8	1	1	10	-	-	4	2	1		
38	C (Richmond SMSA).....	82,780	12,886	38	20	7	19	3	2	15	3	1	14	4	2		
39	D (Norfolk-Portsmouth SMSA)...	25,170	3,704	23	12	5	6	2	-	10	4	1	11	3	-		
40	E (Newport News-Hampton SMSA)...			8	2	1	1	1	1	4	2	1	2	1	1		
41	F (Lynchburg SMSA).....			5	5	2	3	1	-	2	2	1	3	1	-		
42	7.....			9	3	2	4	1	1	3	2	2	2	-	-		
43	8.....			1	-	-	1	-	-	1	-	-	1	-	-		
44	9.....			1	1	1	-	-	-	-	-	-	-	-	-		
45	10.....			6	3	2	3	-	-	5	-	-	2	1	1		

See footnotes at end of table.

Establishments and Number of Establishments Consuming Steel, Areas: 1963--Continued

Number of establishments consuming steel mill shapes and forms--Continued																	
Carbon steel--Continued									Alloy steel								
Structural shapes (331015)			Wire and wire products (331017)			All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)			Bars and bar shapes (except stainless) (331021 and 331046)			All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)			Stainless steel (mill shapes and forms) (331031, 331047, 331048, and 331049)		
Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--	
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000
31	10	3	21	4	2	39	16	8	14	3	-	15	8	3	19	4	1
7	3	1	5	2	1	9	6	4	1	-	-	2	1	-	3	-	-
13	6	2	5	-	-	19	9	4	6	1	-	6	3	1	9	2	-
-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-
3	-	-	1	-	-	4	-	-	1	-	-	1	-	-	-	-	-
2	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-
1	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-
4	1	-	5	2	1	4	1	-	3	1	-	1	1	1	2	-	-
-	-	-	1	-	-	2	-	-	1	1	-	-	-	-	1	1	-
1	-	-	2	-	-	-	-	-	2	-	-	3	3	1	2	1	1
72	22	8	24	7	2	65	18	6	33	7	-	26	7	1	32	8	3
14	3	1	8	2	-	17	6	3	16	3	-	7	2	-	16	4	1
16	6	3	4	3	-	10	3	2	3	-	-	4	1	-	7	3	2
5	2	1	2	1	1	6	1	-	1	-	-	1	-	-	3	-	-
5	3	-	-	-	-	3	-	-	1	-	-	2	-	-	-	-	-
8	1	-	3	-	-	6	1	-	-	-	-	4	1	-	1	-	-
12	3	1	3	-	-	9	4	1	4	1	-	5	2	1	1	-	-
2	1	-	1	-	-	3	-	-	2	-	-	1	-	-	-	-	-
3	1	1	1	-	-	3	1	-	1	1	-	-	-	-	1	-	-
1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-
6	2	1	2	1	1	7	2	-	5	2	-	2	1	-	2	1	-
385	142	60	172	69	23	517	169	83	121	15	3	174	56	21	355	104	28
5	2	-	5	4	2	5	2	2	3	1	-	3	-	-	8	4	1
5	2	-	3	3	2	4	2	2	3	1	-	3	-	-	7	4	1
-	-	-	2	1	-	1	-	-	-	-	-	-	-	-	1	-	-
53	21	9	39	16	6	78	35	19	18	3	2	33	12	1	73	23	8
40	13	4	28	11	4	52	27	15	16	2	2	26	7	-	50	15	6
5	3	3	4	2	1	10	3	2	-	-	-	2	1	-	7	2	-
1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
2	-	-	2	1	-	6	2	2	-	-	-	2	2	1	4	3	2
-	-	-	2	1	1	1	-	-	-	-	-	1	1	-	1	-	-
5	4	1	3	1	-	9	3	-	2	1	-	2	1	-	10	3	-
6	1	-	3	-	-	3	1	-	3	-	-	3	-	-	2	-	-
6	1	-	3	-	-	3	1	-	3	-	-	3	-	-	2	-	-
57	27	14	13	5	4	70	19	7	13	2	-	22	9	5	42	10	2
7	2	2	1	-	-	6	3	1	1	-	-	3	2	1	5	1	-
9	7	4	1	-	-	9	1	-	-	-	-	2	1	-	4	2	-
12	4	2	1	-	-	18	6	3	6	-	-	4	-	-	11	2	-
7	5	2	2	1	1	7	-	-	-	-	-	4	-	-	3	1	-
1	1	1	1	1	-	4	1	1	-	-	-	1	1	1	4	-	-
2	2	1	1	-	-	3	3	1	1	1	-	-	-	-	2	-	-
3	1	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	2	1	-	1	1	-	1	1	1	-	-	-

TABLE 5. Consumption of Steel Mill Shapes and Forms by Metal Fabricating by States and State Economic

Division, State, and State economic area ¹	Total steel		Number of establishments consuming mill shapes and forms														
			Total establishments ²		Carbon steel												
					Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plate (331013)								
Quantity (short tons)	Delivered cost (\$1,000)	Total	Consuming in excess of-		Total	Consuming in excess of-		Total	Consuming in excess of-		Total	Consuming in excess of-					
			\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000				
SOUTH ATLANTIC--Continued																	
Virginia--Continued																	
1	1.....	36,242	6,128	5	2	1	5	1	-	4	1	-	2	1	-		
2	2.....			10	8	5	6	3	-	4	3	1	4	3	1		
3	3.....			2	-	-	-	-	-	1	-	-	-	-	-		
4	4.....			17	11	7	7	1	-	10	5	5	4	2	-		
5	5.....	33,078	6,464	13	9	7	5	1	-	9	7	5	4	1	1		
6	6.....	3,074	449	7	4	-	2	-	-	5	3	-	2	-	-		
7	West Virginia.....	467,556	74,893	96	52	33	40	10	3	49	29	17	35	10	3		
8	A (Wheeling SMSA-West Virginia portion)-(See Ohio).....	103,490	17,201	13	8	6	5	1	-	4	4	3	3	1	-		
9	B (Huntington-Ashland SMSA-West Virginia portion) (See Ohio).....	94,765	14,484	14	8	5	8	1	1	8	3	2	9	3	1		
10	C (Charleston SMSA).....	25,295	4,243	13	5	5	7	4	1	8	3	1	5	2	-		
11	D (Steubenville-Weirton SMSA-West Virginia portion) (See Ohio).....	167,414	26,288	13	10	8	1	-	-	11	9	7	1	1	1		
12	1.....	57,735	8,977	8	7	5	4	2	1	6	6	4	2	1	-		
13	2.....	6,180	1,010	4	2	1	2	-	-	1	-	-	1	1	1		
14	5.....			3	1	-	-	-	-	1	-	-	-	-	-		
15	6.....			4	2	-	-	-	-	2	1	-	-	-	-		
16	3.....			13	5	2	6	1	-	4	-	-	6	1	-		
17	4.....			11	4	1	7	1	-	4	2	-	8	-	-		
18	North Carolina.....	384,873	76,705	268	144	64	126	31	5	134	53	14	62	18	6		
19	A (Asheville SMSA).....	8,865	2,250	14	8	3	8	3	-	6	2	-	4	1	-		
20	B (Winston-Salem SMSA).....	15,839	2,532	14	4	1	8	1	-	9	1	-	1	1	-		
21	C (Greensboro-High Point SMSA).....	69,283	13,686	46	27	11	16	2	1	22	7	1	11	3	2		
22	D (Charlotte SMSA).....	89,428	14,884	60	27	13	25	7	1	31	10	2	13	3	1		
23	E (Raleigh SMSA).....	20,879	3,792	11	9	4	4	1	-	7	6	2	4	2	-		
24	F (Durham SMSA).....	291	112	3	1	-	3	-	-	2	-	-	-	-	-		
25	1.....	4,706	1,531	3	3	2	-	-	-	1	1	1	-	-	-		
26	2.....			6	3	-	3	-	-	6	2	-	3	-	-		
27	3.....			9	7	5	1	-	-	3	1	1	1	1	1		
28	4.....			36	16	7	20	3	-	15	7	2	7	1	-		
29	5.....			30	12	5	21	4	-	10	2	1	4	-	-		
30	6.....			10	7	3	5	3	1	6	3	-	3	-	-		
31	7.....	27,134	5,868	3	3	1	2	-	-	3	2	-	1	-	-		
32	10.....			1	1	1	1	1	-	1	1	-	1	-	-		
33	11.....			6	3	1	3	2	1	2	1	1	3	2	1		
34	8.....			10	8	6	5	4	1	7	5	3	6	4	1		
35	9.....			6	5	1	1	-	-	3	2	-	-	-	-		
36	South Carolina.....	179,766	33,488	101	65	31	48	23	7	46	18	5	18	5	2		
37	A (Columbia SMSA).....	70,227	8,924	17	10	5	8	4	3	5	1	-	7	3	2		
38	C (Charleston SMSA).....	3,319	782	5	3	1	2	1	-	2	1	-	-	-	-		
39	D (Greenville SMSA).....	29,805	6,054	26	15	8	14	9	2	12	5	2	4	-	-		
40	1.....	1,761	916	4	3	2	1	-	-	1	1	-	-	-	-		
41	2.....	42,333	9,945	24	17	9	14	5	1	14	5	3	5	2	-		
42	3.....	5,016	956	5	4	1	3	1	-	3	-	-	-	-	-		
43	4.....			1	1	-	-	-	-	1	1	-	-	-	-		
44	5.....			1	1	-	-	-	-	-	-	-	-	-	-		
45	6.....			9	6	2	6	3	1	5	2	-	1	-	-		
46	7.....			8	4	2	-	-	-	3	1	-	1	-	-		
47	8.....			1	1	1	-	-	-	-	-	-	-	-	-		
48	Georgia.....	405,399	80,121	227	146	69	105	30	6	140	71	23	67	21	9		
49	A (Chattanooga SMSA-Georgia portion) (See Tennessee).....	31,443	7,345	2	1	-	1	-	-	-	-	-	1	-	-		
50	1.....			15	10	3	10	5	1	8	2	-	4	2	1		
51	B (Atlanta SMSA).....			104	66	29	44	7	1	63	31	8	30	7	2		
52	C (Columbus SMSA-Georgia portion).....			3	3	3	3	2	-	2	2	1	2	1	-		
53	D (Augusta SMSA-Georgia portion).....			6,611	1,047	8	3	2	5	-	-	2	-	-	4	1	-
54	E (Savannah SMSA).....			20,780	3,492	9	6	2	4	1	-	7	2	-	5	3	-

See footnotes at end of table.

Establishments and Number of Establishments Consuming Steel, Areas: 1963--Continued

Number of establishments consuming steel mill shapes and forms--Continued

Carbon steel--Continued									Alloy steel									
Structural shapes (331015)			Wire and wire products (331017)			All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)			Bars and bar shapes (except stainless) (331021 and 331046)			All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)			Stainless steel (mill shapes and forms) (331031, 331047, 331048, and 331049)			
Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000	
2	-	-	-	-	-	1	1	-	-	-	-	1	-	-	-	-	-	1
4	2	1	2	1	1	6	-	-	1	-	-	3	1	1	2	-	-	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	3
1	-	-	1	1	1	5	2	-	1	-	-	3	3	1	5	2	1	4
4	2	1	1	1	1	2	-	-	-	-	-	-	-	-	5	1	-	5
2	1	-	2	-	-	3	-	-	-	-	-	-	-	-	-	-	-	6
27	10	4	4	1	1	35	11	5	16	1	-	11	1	-	14	4	-	7
1	1	-	-	-	-	4	3	3	2	-	-	-	-	-	1	-	-	8
7	2	2	1	1	1	2	-	-	1	-	-	1	-	-	4	-	-	9
4	2	1	-	-	-	5	1	-	4	-	-	1	-	-	1	1	-	10
-	-	-	1	-	-	4	2	1	-	-	-	1	-	-	-	-	-	11
3	3	1	1	-	-	5	2	-	1	-	-	2	1	-	1	1	-	12
1	-	-	-	-	-	1	-	-	1	-	-	1	-	-	1	1	-	13
-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	14
-	-	-	-	-	-	2	1	-	-	-	-	1	-	-	1	-	-	15
6	2	-	1	-	-	7	1	1	2	-	-	1	-	-	4	-	-	16
5	-	-	-	-	-	4	1	-	5	1	-	2	-	-	1	1	-	17
62	19	8	40	23	8	85	25	12	17	2	-	36	15	7	64	19	4	18
4	2	-	-	-	-	6	1	1	-	-	-	3	2	-	3	1	-	19
1	1	1	2	1	-	2	1	-	3	-	-	3	1	-	4	-	-	20
8	2	2	13	7	3	16	5	3	1	-	-	3	2	-	12	2	1	21
22	6	2	8	4	1	22	5	4	6	1	-	9	1	-	11	2	-	22
3	2	1	-	-	-	2	1	-	-	-	-	1	1	1	1	1	-	23
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	24
-	-	-	2	2	1	-	-	-	-	-	-	1	1	1	2	-	-	25
1	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-	-	-	26
1	-	-	2	1	-	1	-	-	-	-	-	3	2	2	4	3	1	27
6	1	-	5	4	3	9	1	1	2	-	-	6	2	2	7	2	-	28
5	1	-	3	1	-	9	2	1	4	1	-	5	2	1	8	5	2	29
3	1	-	1	-	-	6	3	-	-	-	-	1	-	-	4	-	-	30
2	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	31
1	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	32
2	1	-	-	-	-	3	1	1	-	-	-	1	1	-	1	1	-	33
2	1	1	1	1	-	2	2	1	-	-	-	-	-	-	2	-	-	34
1	-	-	-	-	-	3	2	-	-	-	-	-	-	-	2	2	-	35
27	13	7	20	8	1	41	14	7	5	-	-	11	4	1	22	9	4	36
7	3	2	1	-	-	8	5	2	-	-	-	1	-	-	3	-	-	37
-	-	-	-	-	-	3	1	-	1	-	-	1	1	-	-	-	-	38
7	4	2	8	4	-	6	1	1	1	-	-	3	1	-	5	2	1	39
-	-	-	-	-	-	2	1	-	-	-	-	1	1	1	1	1	-	40
7	4	1	7	3	1	11	3	3	2	-	-	2	-	-	10	4	2	41
1	-	-	1	1	-	3	1	1	-	-	-	2	-	-	1	1	-	42
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44
1	-	-	-	-	-	1	-	-	-	-	-	1	1	-	-	-	-	45
3	2	2	2	-	-	4	2	-	1	-	-	-	-	-	1	-	-	46
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	47
74	24	8	32	7	-	83	26	13	21	3	-	26	8	4	51	17	4	48
1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	49
7	3	1	2	-	-	6	2	1	2	1	-	3	2	1	4	3	-	50
32	7	3	18	5	-	40	14	7	11	-	-	10	1	1	19	6	1	51
2	1	1	-	-	-	1	-	-	1	-	-	-	-	-	1	-	-	52
4	2	1	1	-	-	4	-	-	-	-	-	1	-	-	2	-	-	53
5	3	1	1	-	-	2	1	1	1	-	-	1	-	-	3	-	-	54

TABLE 5. Consumption of Steel Mill Shapes and Forms by Metal Fabricating by States and State Economic

Division, State, and State economic area ¹	Total steel		Number of establishments consuming mill shapes and forms											
			Total establishments ²		Carbon steel									
					Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)			Sheet and strip (331012)			Plate (331013)			
	Quantity (short tons)	Delivered cost (\$1,000)	Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--	
				\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000
SOUTH ATLANTIC--Continued														
Georgia--Continued														
1 F (Macon SMSA).....	16,938	2,871	8	5	2	3	1	-	4	1	-	3	1	1
2 G (Albany SMSA).....	19,095	3,257	3	3	1	2	2	1	2	2	-	-	-	-
3 5.....			1	1	-	1	1	-	-	-	-	-	-	-
4 7.....			14	8	4	7	2	-	11	5	-	2	1	1
5 2.....			4	2	-	-	-	2	1	-	-	-	-	-
6 3.....	34,382	5,927	11	10	6	9	3	2	9	7	4	4	2	2
7 4.....	56,183	13,443	20	14	7	9	2	1	16	9	4	6	2	1
8 6.....	8,900	2,341	4	3	2	2	2	-	4	2	2	1	-	-
9 8.....	13,241	4,766	14	7	4	2	-	-	6	4	2	2	-	-
10 9.....	26,709	4,869	7	4	4	3	2	-	4	3	2	3	1	1
11 Florida.....	440,474	80,003	312	134	51	109	13	3	122	37	10	78	18	3
12 A (Jacksonville SMSA).....	81,505	11,464	38	25	12	17	3	-	17	9	4	16	7	2
13 B (Tampa-St. Petersburg SMSA)...	159,725	27,728	62	27	13	22	5	2	28	6	1	17	5	1
14 C (Miami SMSA).....	53,237	8,171	68	25	7	19	3	1	18	7	3	9	1	-
15 D (Pensacola SMSA).....	13,351	3,514	3	1	1	1	-	-	1	1	1	-	-	-
16 1.....			3	1	-	2	-	-	1	-	-	2	-	-
17 2.....			3	1	-	2	-	-	1	-	-	2	-	-
18 3.....			7	5	3	2	-	-	5	4	-	1	-	-
19 E (Orlando SMSA).....	44,505	10,783	23	10	4	8	-	-	10	1	-	4	-	-
20 F (West Palm Beach SMSA).....	4,573	2,437	15	5	2	8	-	-	5	-	-	5	-	-
21 G (Fort Lauderdale-Hollywood SMSA).....	13,300	2,421	38	10	2	9	1	-	15	4	-	8	2	-
22 4.....	2,961	738	13	4	1	4	-	-	8	1	1	4	-	-
23 5.....	63,274	12,088	27	15	6	12	1	-	11	3	-	8	3	-
24 6.....	4,043	659	12	5	-	3	-	-	2	1	-	2	-	-
25 EAST SOUTH CENTRAL.....	2,285,038	404,949	730	486	262	342	111	30	408	211	110	211	87	35
26 Kentucky.....	569,863	110,738	193	116	55	100	27	7	120	64	30	50	16	3
27 A (Louisville SMSA-Kentucky portion) (See Indiana).....	365,902	70,558	95	56	26	57	15	5	59	26	14	27	9	1
28 B (Cincinnati SMSA-Kentucky portion)(See Ohio and Indiana)	21,669	4,267	24	13	4	9	3	-	13	7	2	9	2	-
29 D (Evansville SMSA-Kentucky portion) (See Indiana).....	9,419	1,444	2	-	-	-	-	-	-	-	-	-	-	-
30 2.....			7	3	1	4	2	-	4	1	-	2	1	1
31 E (Lexington SMSA).....			11	7	3	7	1	-	8	5	3	2	1	-
32 1.....			8	6	4	4	-	-	5	4	2	3	1	1
33 3.....	10,245	2,060	4	1	1	-	-	-	2	1	1	-	-	-
34 5.....			3	2	1	1	-	3	2	1	1	-	-	
35 9.....			3	2	1	-	-	2	1	-	1	1	-	
36 4.....			9	6	2	4	-	6	5	1	-	-	-	
37 6.....	31,836	5,471	18	16	10	6	3	2	15	10	4	4	1	-
38 7.....	82,757	17,250	9	4	2	8	3	-	3	2	2	1	-	-
39 Tennessee.....	684,275	121,227	266	185	95	120	37	5	143	78	43	65	22	10
40 A (Memphis SMSA-Tennessee portion)(See Arkansas).....	163,497	26,602	71	47	22	40	12	2	41	17	7	21	9	5
41 B (Nashville SMSA).....	127,364	21,970	54	37	18	20	2	-	27	16	9	15	3	1
42 C (Chattanooga SMSA-Tennessee portion) (See Georgia).....	68,957	11,849	35	27	12	18	8	-	17	10	6	11	5	1
43 D (Knoxville SMSA).....	43,562	7,901	21	15	7	9	3	1	9	3	1	8	3	2
44 1.....	33,343	5,983	12	10	5	4	1	-	8	6	3	-	-	-
45 2.....	74,119	11,266	4	1	1	1	-	-	2	1	1	1	-	-
46 3.....			3	1	1	2	-	1	1	1	-	-	-	
47 4.....			6	5	4	2	1	5	3	3	-	-	-	
48 5.....			13	9	6	4	1	7	5	3	3	-	-	
49 6.....	47,658	9,463	12	8	3	7	3	1	8	5	1	1	1	1
50 7.....	23,817	5,595	2	1	1	-	-	-	1	1	1	-	-	-
51 8.....	101,958	20,598	33	24	15	13	6	1	17	10	7	5	1	-

See footnotes at end of table.

Establishments and Number of Establishments Consuming Steel, Areas: 1963--Continued

Number of establishments consuming steel mill shapes and forms--Continued																	
Carbon steel--Continued									Alloy steel								
Structural shapes (331015)			Wire and wire products (331017)			All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)			Bars and bar shapes (except stainless) (331021 and 331046)			All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)			Stainless steel (mill shapes and forms) (331031, 331047, 331048, and 331049)		
Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--	
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000
4	3	1	1	-	-	3	1	1	-	-	-	-	-	-	-	-	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
7	3	-	-	-	-	6	3	-	1	1	-	-	-	-	1	-	3
-	-	-	-	-	-	1	-	-	1	-	-	1	-	-	1	-	4
4	1	-	3	-	-	2	1	-	3	1	-	3	2	1	4	1	5
3	-	-	2	1	-	5	-	-	-	-	-	1	1	1	8	4	6
1	-	-	1	-	-	2	-	-	1	-	-	1	-	-	1	-	7
2	-	-	-	-	-	4	-	-	-	-	-	4	2	-	5	3	8
2	1	1	3	1	-	6	4	3	-	-	-	1	-	-	1	-	9
74	25	10	19	5	1	117	36	18	25	3	1	29	7	3	79	18	10
11	6	2	5	1	-	14	6	3	3	1	-	4	1	-	5	2	11
15	7	6	5	2	1	17	7	4	7	-	-	4	1	1	22	1	12
9	5	1	5	2	-	23	6	2	4	-	-	8	3	-	13	4	13
1	-	-	-	-	-	2	-	-	-	-	-	-	-	-	1	-	14
2	-	-	-	-	-	2	-	-	-	-	-	-	-	-	1	-	15
1	-	-	1	-	-	1	-	-	-	-	-	-	-	-	1	-	16
2	-	-	-	-	-	2	-	-	-	-	-	-	-	-	3	2	17
6	1	-	-	-	-	13	4	4	2	-	-	3	-	-	5	1	18
4	1	-	-	-	-	3	1	-	2	1	1	4	2	2	6	2	19
8	2	-	1	-	-	12	4	1	2	-	-	1	-	-	11	2	20
5	-	-	1	-	-	5	-	-	2	-	-	1	-	-	4	1	21
8	1	1	1	-	-	19	7	4	-	-	-	2	-	-	7	3	22
2	2	-	-	-	-	4	1	-	3	1	-	2	-	-	-	-	23
188	82	29	114	52	25	231	97	44	78	20	4	79	31	20	168	53	24
39	6	1	33	13	6	60	21	10	26	5	2	20	11	6	63	25	25
20	2	1	13	5	1	29	13	8	16	5	2	10	5	4	36	14	26
7	1	-	5	1	-	10	3	-	3	-	-	2	1	-	9	3	27
-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	28
3	1	-	2	1	-	5	1	-	1	-	-	-	-	-	2	1	29
2	1	-	2	-	-	1	-	-	1	-	-	1	1	-	3	2	30
2	1	-	1	1	1	3	-	-	-	-	-	1	1	1	-	-	31
-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	1	-	32
1	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	33
1	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	34
1	-	-	-	1	1	2	1	-	-	-	-	1	-	-	1	-	35
1	-	-	2	1	1	2	1	3	2	-	-	4	2	-	10	4	36
1	-	-	5	2	2	4	3	2	2	-	-	-	-	-	1	1	37
2	-	-	3	2	1	1	-	-	2	-	-	-	-	-	1	1	38
67	28	9	41	17	8	82	35	17	32	9	1	33	10	7	54	13	39
22	7	2	7	3	2	24	13	7	8	3	-	7	1	1	12	3	40
13	6	3	9	6	1	15	5	2	10	3	1	7	1	1	8	1	41
11	3	1	8	3	2	11	2	-	4	1	-	7	3	1	11	1	42
9	6	2	2	-	-	8	4	1	1	-	-	1	1	-	3	1	43
-	-	-	4	3	1	5	2	2	1	-	-	1	-	-	5	-	44
1	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	45
-	-	-	1	1	1	-	-	-	2	-	-	1	-	-	1	-	46
1	-	-	-	-	-	1	-	-	1	1	-	-	-	-	2	-	47
2	-	-	3	-	-	3	2	2	1	-	-	2	1	1	3	2	48
1	1	1	-	-	-	3	1	-	-	-	-	2	1	1	2	1	49
-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	50
7	5	-	6	1	1	11	6	3	2	1	-	4	2	2	7	3	51

TABLE 5. Consumption of Steel Mill Shapes and Forms by Metal Fabricating by States and State Economic

Division, State, and State economic area ¹	Total steel		Number of establishments consuming mill shapes and forms											
			Total establishments ²			Carbon steel								
						Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)			Sheet and strip (331012)			Plate (331013)		
	Quantity (short tons)	Delivered cost (\$1,000)	Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--	
				\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000
EAST SOUTH CENTRAL--Continued														
1 Alabama.....	752,471	116,469	162	111	72	76	31	16	83	41	20	66	33	16
2 A (Birmingham SMSA).....	491,200	73,865	75	60	35	36	14	7	37	21	11	36	21	11
3 C (Montgomery SMSA).....			9	2	1	4	1	1	7	-	-	2	1	-
4 8.....	25,187	4,535	1	-	-	1	-	-	1	-	-	1	-	-
5 9.....			6	3	2	4	1	-	3	1	-	3	1	-
6 D (Mobile SMSA).....	35,779	5,056	10	5	4	3	-	-	5	2	1	6	3	2
7 E (Gadsden SMSA).....	64,375	9,097	9	8	5	5	2	2	5	2	-	4	1	-
8 F (Huntsville SMSA).....	2,736	596	6	1	1	2	-	-	2	1	1	-	-	-
9 G (Tuscaloosa SMSA).....	7,358	1,522	6	3	3	3	1	1	2	-	-	3	1	-
10 1.....	35,139	5,517	8	8	6	4	3	1	5	5	3	2	1	1
11 2.....	24,402	4,284	7	5	5	3	2	2	3	2	1	1	-	-
12 3.....	16,551	2,678	10	6	2	4	1	-	4	1	-	3	2	1
13 4.....	3,591	808	7	2	1	2	1	-	4	1	-	2	1	-
14 5.....	5,266	1,685	3	3	3	2	2	-	2	2	1	2	-	-
15 6.....	40,887	6,826	5	5	4	3	3	3	3	3	2	1	1	1
16 Mississippi.....	278,429	56,515	109	74	40	46	16	2	62	28	17	30	16	6
17 A (Jackson SMSA).....	31,183	5,115	21	12	8	9	1	-	9	3	-	6	4	1
18 1.....	34,697	6,744	20	15	6	8	3	-	12	5	4	5	2	-
19 2.....	17,599	9,193	9	7	4	4	-	-	6	4	2	2	2	-
20 3.....	19,304	3,893	11	8	5	1	-	-	6	2	2	1	1	1
21 4.....	4,332	906	8	5	1	3	2	-	5	-	-	1	-	-
22 5.....	75,627	14,038	16	12	8	8	5	1	11	9	7	3	2	2
23 6.....	29,716	5,031	13	10	4	8	3	1	8	5	2	5	3	-
24 7.....			4	2	1	2	1	-	4	-	-	1	-	-
25 8.....	65,971	11,595	7	3	3	3	1	-	1	-	-	6	2	2
26 WEST SOUTH CENTRAL, TOTAL....	2,738,274	497,008	1,262	757	329	635	155	35	567	208	71	496	194	59
27 Arkansas.....	181,805	34,472	104	65	30	46	11	2	57	35	16	24	7	1
28 A (Little Rock-North Little Rock SMSA).....	40,332	6,526	21	16	8	10	3	1	11	8	4	4	3	1
29 B (Fort Smith SMSA-Arkansas portion).....	33,108	5,745	15	11	4	7	-	-	13	6	3	4	-	-
30 C (Memphis SMSA-Arkansas portion) (See Tennessee).....	6,196	947	5	5	1	1	1	-	4	3	-	2	2	-
31 D (Pine Bluff SMSA).....			3	3	2	2	1	-	2	-	-	2	1	-
32 1.....			9	3	2	3	1	-	1	-	-	-	-	-
33 2.....			1	-	-	1	-	-	-	-	-	-	-	-
34 4.....	39,437	10,585	3	2	1	1	-	-	2	1	1	1	-	-
35 6.....			7	2	1	3	-	-	2	1	-	1	1	-
36 9.....			1	-	-	-	-	-	-	-	-	-	-	-
37 E (Texarkana SMSA-Arkansas portion) (See Texas).....	1,819	370	1	1	-	-	-	-	1	1	-	-	-	-
38 5.....			3	1	-	3	-	-	-	-	-	2	-	-
39 3.....	9,579	1,831	10	6	3	2	1	-	7	6	3	-	-	-
40 7.....	28,827	4,857	14	7	4	9	2	-	7	6	4	4	-	-
41 8.....	22,507	3,611	11	8	4	4	2	1	7	3	1	4	-	-
42 Louisiana.....	353,261	60,003	120	68	33	61	4	1	56	16	8	66	25	8
43 A (Shreveport SMSA).....	52,718	8,816	18	10	5	12	2	-	11	1	-	12	5	2
44 B (New Orleans SMSA).....	249,222	41,620	51	32	20	24	2	1	21	9	7	26	10	3
45 C (Baton Rouge SMSA).....	30,321	5,675	11	8	4	4	-	-	4	2	1	5	3	2
46 D (Lafayette SMSA).....			4	-	-	2	-	-	-	-	-	1	-	-
47 E (Lake Charles SMSA).....			2	-	-	1	-	-	2	-	-	1	-	-
48 7.....	5,434	1,010	2	-	-	1	-	-	2	-	-	2	-	-
49 8.....			2	2	2	2	-	-	1	1	-	2	2	-
50 F (Monroe SMSA).....			1	1	-	-	-	-	-	-	-	-	-	-
51 2.....			2	1	-	2	-	-	2	-	-	2	-	-
52 4.....	3,510	516	1	1	-	-	-	-	1	-	-	1	-	-
53 5.....			3	1	-	2	-	-	3	1	-	1	-	-
54 1.....	1,207	512	5	3	1	2	-	-	2	1	-	1	-	-
55 6.....	10,849	1,854	18	9	1	9	-	-	7	1	-	12	5	1

See footnotes at end of table.

Establishments and Number of Establishments Consuming Steel, Areas: 1963--Continued

Number of establishments consuming steel mill shapes and forms--Continued																		
Carbon steel--Continued									Alloy steel									
Structural shapes (331015)			Wire and wire products (331017)			All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)			Bars and bar shapes (except stainless) (331021 and 331046)			All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)			Stainless steel (mill shapes and forms) (331031, 331047, 331048, and 331049)			
Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000	
50	31	12	22	14	9	55	28	12	8	3	-	17	5	2	35	9	3	1
27	19	6	8	5	3	29	14	6	3	1	-	8	3	-	15	3	1	2
2	1	-	-	-	-	5	1	1	1	1	-	-	-	-	1	-	-	3
-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	4
3	1	-	1	-	-	2	2	1	2	1	-	2	1	1	1	-	-	5
6	3	2	2	-	-	2	2	-	-	-	-	2	-	-	2	-	-	6
3	1	-	4	4	3	3	2	1	-	-	-	1	-	-	1	1	-	7
-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	3	-	-	8
1	1	-	2	1	1	3	1	-	-	-	-	1	-	-	1	1	-	9
3	3	3	1	1	1	1	1	1	1	-	-	-	-	-	1	-	-	10
2	1	1	-	-	-	2	2	1	-	-	-	1	-	-	2	1	1	11
1	-	-	3	2	1	2	2	1	-	-	-	-	-	-	1	-	-	12
-	-	-	1	1	-	3	-	-	-	-	-	-	-	-	4	-	-	13
2	1	-	-	-	-	1	-	-	-	-	-	2	1	1	2	1	-	14
-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	1	1	1	15
32	17	7	18	8	2	34	13	5	12	3	1	9	5	5	16	6	2	16
8	5	4	2	1	-	8	2	1	1	-	-	-	-	-	2	1	1	17
6	2	-	3	-	-	8	2	1	2	-	-	3	1	1	3	1	-	18
2	1	-	2	1	1	3	1	-	1	-	-	1	-	-	1	1	1	19
1	1	-	2	2	1	2	2	-	1	-	-	2	2	2	-	-	-	20
-	-	-	1	-	-	-	-	-	3	2	1	-	-	-	3	-	-	21
3	2	1	3	2	-	4	2	1	3	-	-	1	1	1	3	1	-	22
6	3	1	3	1	-	4	2	-	1	1	-	1	-	-	2	1	-	23
3	1	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	24
3	2	1	2	1	-	3	2	2	-	-	-	1	1	1	2	1	-	25
424	136	47	125	35	14	457	199	89	231	56	20	181	61	19	300	57	12	26
22	5	3	12	3	1	30	15	9	9	1	-	11	2	-	14	3	-	27
4	1	1	2	1	-	6	5	3	4	1	-	2	-	-	1	-	-	28
4	1	1	2	-	-	4	3	1	2	-	-	1	1	-	3	1	-	29
-	-	-	1	1	-	1	1	-	-	-	-	-	-	-	1	-	-	30
2	1	-	-	-	-	2	2	2	1	-	-	1	-	-	3	-	-	31
-	-	-	-	-	-	4	2	2	-	-	-	-	-	-	-	-	-	32
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33
1	-	-	-	-	-	1	-	-	1	-	-	-	-	-	2	1	-	34
1	1	1	1	-	-	3	1	-	-	-	-	1	-	-	-	-	-	35
-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	36
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37
1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	38
1	-	-	-	-	-	3	-	-	-	-	-	1	-	-	2	1	-	39
5	1	-	1	-	-	2	-	-	-	-	-	4	1	-	1	-	-	40
4	-	-	4	1	1	2	1	1	1	-	-	1	-	-	1	-	-	41
60	20	6	13	2	-	44	20	8	23	4	-	14	4	2	20	7	2	42
10	4	2	2	-	-	8	3	-	3	-	-	2	1	1	3	2	-	43
23	8	3	7	2	-	20	11	6	7	2	-	5	1	1	8	3	1	44
6	3	1	-	-	-	6	4	2	1	-	-	2	1	-	1	-	-	45
1	-	-	-	-	-	2	-	-	2	-	-	-	-	-	1	-	-	46
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48
2	1	-	1	-	-	2	1	-	1	-	-	1	1	-	-	-	-	49
-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	50
2	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	51
1	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	52
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54
1	-	-	-	-	-	2	-	-	2	1	-	2	-	-	2	-	-	55
10	3	-	2	-	-	2	-	-	6	1	-	2	-	-	2	-	-	56

TABLE 5. Consumption of Steel Mill Shapes and Forms by Metal Fabricating by States and State Economic

Division, State, and State economic area ¹	Total steel		Number of establishments consuming mill shapes and forms											
			Total establishments ²			Carbon steel								
						Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)			Sheet and strip (331012)			Plate (331013)		
	Quantity (short tons)	Delivered cost (\$1,000)	Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--	
				\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000
WEST SOUTH CENTRAL--Con.														
1 Oklahoma.....	385,840	67,409	203	114	43	112	24	7	103	34	7	91	30	12
2 A (Tulsa SMSA).....	230,634	40,745	102	58	22	57	13	6	44	15	2	54	20	10
3 B (Oklahoma City SMSA).....	103,545	17,077	53	26	11	27	4	-	30	10	3	19	6	2
4 C (Lawton SMSA).....	9,248	1,660	1	1	1	-	-	-	1	1	-	1	-	-
5 1.....			2	1	-	2	-	-	1	-	-	1	-	-
6 4.....			5	4	1	4	2	-	4	1	1	1	-	-
7 2.....			10	6	3	5	2	-	6	2	-	3	1	-
8 3.....	7,160	1,383	9	6	2	5	1	-	6	2	1	5	-	-
9 5.....	8,183	1,895	4	3	1	2	-	-	3	-	-	2	1	-
10 6.....	4,748	761	6	3	-	3	-	-	3	1	-	1	-	-
11 7.....	1,857	357	3	1	1	2	-	-	1	-	-	1	1	-
12 8.....	20,465	3,531	7	5	1	4	2	1	3	2	-	3	1	-
13 9.....			1	-	-	1	-	-	1	-	-	-	-	-
14 Texas.....	1,817,368	335,124	834	509	223	416	116	25	351	123	40	315	132	38
15 A (El Paso SMSA).....	27,621	3,667	10	6	3	4	3	-	5	-	-	4	1	-
16 B (Fort Worth SMSA).....	184,564	33,854	87	56	25	53	20	6	39	16	4	35	15	4
17 C (Dallas SMSA).....	273,990	51,048	175	97	43	73	20	4	77	29	9	48	21	9
18 D (Waco SMSA).....	28,110	4,877	16	8	4	7	2	1	9	2	-	9	2	1
19 E (Austin SMSA).....	6,277	915	8	4	1	3	1	-	2	1	-	2	-	-
20 F (San Antonio SMSA).....	36,589	13,060	34	19	8	17	3	2	16	4	2	15	9	1
21 G (Houston SMSA).....	706,470	130,743	252	157	67	121	33	7	77	31	14	92	33	9
22 H (Beaumont-Port Arthur SMSA) ..	281,657	44,951	26	21	18	12	5	1	9	2	2	11	8	6
23 J (Amarillo SMSA).....	11,456	2,180	13	6	3	8	1	-	5	3	-	3	1	-
24 K (Wichita Falls SMSA).....	10,255	1,801	15	9	1	8	1	-	5	1	-	8	4	-
25 L (Lubbock SMSA).....	32,376	6,442	25	17	6	14	5	1	17	5	-	15	7	3
26 M (Galveston-Texas City SMSA) ..	24,926	3,729	6	2	2	4	-	-	3	-	-	3	1	-
27 14.....			13	7	3	6	-	-	3	1	1	5	4	1
28 N (Corpus Christi SMSA).....			10	9	6	7	5	1	3	1	-	4	1	-
29 P (San Angelo SMSA).....			4	2	-	3	-	-	3	-	-	2	1	-
30 S (Abilene SMSA).....	13,852	2,328	3	2	1	3	1	-	2	-	-	2	1	-
31 2.....			1	-	-	1	-	-	-	-	-	-	-	-
32 6.....			9	7	1	5	-	-	6	2	-	3	3	-
33 T (Brownsville-Harlingen-San Benito SMSA).....			4	1	-	2	-	-	4	1	-	1	-	-
34 U (Midland SMSA).....	4,986	1,067	3	3	2	2	1	-	1	-	-	1	-	-
35 1.....			1	1	-	1	-	-	-	-	-	-	-	-
36 5.....			4	3	-	3	1	-	2	-	-	1	-	-
37 V (Odessa SMSA).....			16	6	-	5	-	-	3	-	-	8	4	-
38 W (Tyler SMSA).....	5,418	1,137	9	7	4	4	2	-	6	3	2	5	3	1
39 X (Texarkana SMSA-Texas portion) (See Arkansas).....	29,690	5,724	3	1	1	-	-	-	2	-	-	1	-	-
40 12.....			21	15	7	11	3	1	6	3	1	10	5	-
41 3.....			1	1	1	-	-	-	-	-	-	-	-	-
42 15.....			5	2	1	4	-	-	3	1	-	2	-	-
43 4.....	8,137	1,765	9	6	2	6	3	1	4	-	-	5	2	1
44 7.....	10,688	1,697	8	5	3	3	1	-	4	4	1	3	2	1
45 8.....	37,350	9,848	25	17	5	14	3	-	23	8	2	11	2	-
46 9.....	5,249	1,105	5	4	1	2	-	-	3	1	-	1	-	-
47 10.....	5,986	1,180	4	3	2	2	-	-	3	1	1	1	-	-
48 11.....			2	-	-	1	-	-	1	-	-	-	-	-
49 13.....			7	5	2	7	2	-	5	3	1	4	2	1
50 MOUNTAIN, TOTAL.....	477,724	87,904	385	196	79	207	38	4	209	50	16	154	53	15
51 Montana.....	13,494	2,230	22	7	3	8	-	-	11	4	2	8	3	1
52 A (Billings SMSA).....	10,363	1,723	9	4	3	3	-	-	5	3	2	4	1	1
53 B (Great Falls SMSA).....	789	162	3	1	-	1	-	-	1	-	-	1	1	-
54 2.....			2	-	-	-	-	-	-	-	-	-	-	-
55 1.....	2,342	345	8	2	-	4	-	-	5	1	-	2	1	-
56 Idaho.....	40,757	7,420	40	24	8	27	5	-	28	8	1	23	6	1
57 A (Boise SMSA).....	14,554	2,457	11	8	3	8	2	-	10	6	1	6	4	-
58 1.....	11,133	1,825	1	-	-	1	-	-	1	-	-	1	-	-
59 2.....			1	-	-	-	-	-	-	-	-	-	-	-
60 4.....			12	8	1	8	1	-	7	1	-	10	2	1
61 3.....	15,070	3,138	15	8	4	10	2	-	10	1	-	6	-	-

See footnotes at end of table.

Establishments and Number of Establishments Consuming Steel, Areas: 1963--Continued

Number of establishments consuming steel mill shapes and forms--Continued																		
Carbon steel--Continued									Alloy steel									
Structural shapes (331015)			Wire and wire products (331017)			All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)			Bars and bar shapes (except stainless) (331021 and 331046)			All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)			Stainless steel (mill shapes and forms) (331031, 331047, 331048, and 331049)			
Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000	
77	27	8	18	8	3	71	28	13	45	10	3	33	11	2	58	6	-	1
45	16	4	6	3	1	38	16	7	28	7	1	19	4	-	38	4	-	2
13	4	3	7	4	1	18	8	4	9	2	1	7	4	2	11	1	-	3
1	1	-	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	4
1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	5
2	1	-	-	-	-	1	-	-	-	-	-	-	-	-	2	1	-	6
4	1	-	-	-	-	-	-	-	4	-	-	4	2	-	2	-	-	7
5	1	-	1	1	1	4	-	-	1	-	-	-	-	-	2	-	-	8
2	1	-	1	-	-	3	1	1	-	-	-	-	-	-	1	-	-	9
1	-	-	-	-	-	2	1	-	1	-	-	-	-	-	1	-	-	10
1	1	-	-	-	-	2	1	1	1	1	1	1	1	-	1	-	-	11
2	1	1	2	-	-	2	-	-	-	-	-	2	-	-	-	-	-	12
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
265	84	30	82	22	10	312	136	59	154	41	17	123	44	15	208	41	10	14
5	3	1	1	-	-	8	4	2	-	-	-	1	-	-	2	-	-	15
34	15	5	7	1	-	32	10	4	16	6	3	18	4	1	21	2	-	16
34	13	4	16	4	-	57	31	11	29	5	1	32	9	1	49	12	4	17
6	2	1	3	1	1	5	2	1	1	-	-	1	1	-	1	-	-	18
2	1	-	1	-	-	3	3	-	-	-	-	-	-	-	3	-	-	19
14	4	2	4	1	1	20	5	2	7	-	-	1	1	-	6	-	-	20
68	16	6	22	7	6	91	38	22	61	19	8	38	19	8	80	18	5	21
12	8	4	4	1	-	15	9	5	5	4	1	3	2	1	11	4	1	22
6	2	2	1	-	-	5	-	-	4	1	1	3	1	-	3	-	-	23
6	3	1	1	-	-	4	2	-	2	-	-	1	-	-	1	-	-	24
14	5	1	5	1	-	12	6	2	1	-	-	1	1	1	2	-	-	25
3	-	-	-	-	-	3	2	1	1	-	-	3	-	-	1	-	-	26
4	1	-	1	-	-	7	3	1	1	-	-	1	1	-	2	-	-	27
4	1	-	-	-	-	7	3	1	1	-	-	1	-	-	2	-	-	28
5	3	1	5	2	-	6	3	1	1	-	-	1	-	-	1	-	-	29
3	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	30
1	1	-	1	-	-	2	1	1	-	-	-	-	-	-	1	-	-	31
4	-	-	1	1	-	2	1	-	1	-	-	-	-	-	1	-	-	32
2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	33
1	1	-	1	-	-	1	1	-	1	1	1	1	1	-	1	-	-	34
-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	35
1	-	-	-	-	-	2	1	-	1	1	-	-	-	-	1	-	-	36
6	-	-	-	-	-	4	1	-	4	-	-	3	-	-	2	-	-	37
3	1	-	2	1	-	-	-	-	-	-	-	1	-	-	-	-	-	38
2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39
6	1	-	-	-	-	8	4	2	5	1	1	4	3	2	5	2	-	40
-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-	41
1	-	-	-	-	-	3	1	1	-	-	-	-	-	-	-	-	-	42
4	1	1	1	-	-	3	1	-	5	1	-	3	-	-	1	-	-	43
2	1	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	44
9	-	-	3	-	-	10	5	2	3	-	-	4	1	1	6	2	-	45
1	-	-	1	1	1	1	-	-	-	-	-	1	-	-	1	-	-	46
1	-	-	1	1	1	3	-	-	1	-	-	1	-	-	1	-	-	47
-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	48
4	1	1	-	-	-	2	1	-	1	1	1	-	-	-	2	1	-	49
129	42	9	51	14	5	139	46	20	68	4	-	36	3	-	90	16	2	50
6	1	-	3	-	-	11	1	-	-	-	-	1	-	-	-	-	-	51
3	1	-	2	-	-	4	1	-	-	-	-	1	-	-	-	-	-	52
1	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	53
2	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	54
19	8	1	2	-	-	15	6	3	11	-	-	3	-	-	6	-	-	55
6	4	-	-	-	-	3	-	-	2	-	-	-	-	-	1	-	-	56
1	-	-	1	-	-	-	-	-	1	-	-	1	-	-	1	-	-	57
6	2	1	-	-	-	1	-	-	-	-	-	-	-	-	3	-	-	58
6	2	-	1	-	-	4	2	-	3	-	-	-	-	-	1	-	-	59
2	2	-	1	-	-	7	4	3	5	-	-	2	-	-	-	-	-	60

See footnotes at end of table.

TABLE 5. Consumption of Steel Mill Shapes and Forms by Metal Fabricating by States and State Economic

	Division, State, and State economic area ¹	Total steel		Number of establishments consuming mill shapes and forms													
				Total establishments ²	Carbon steel												
					Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)				Sheet and strip (331012)			Plate (331013)					
					Quantity (short tons)	Delivered cost (\$1,000)	Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--			
		\$50,000	\$250,000	\$50,000				\$250,000	\$50,000		\$250,000						
MOUNTAIN--Continued																	
1	Wyoming.....	1,766	371	9	3	-	4	-	-	4	-	-	4	1	-		
2	1.....	1,516	209	5	2	-	3	-	-	3	-	-	2	1	-		
3	2.....	250	162	4	1	-	1	-	-	1	-	-	2	-	-		
4	Colorado.....	184,628	38,277	147	73	30	77	21	2	68	13	4	49	15	2		
5	A (Denver SMSA).....	167,605	35,393	117	61	27	59	17	2	56	12	4	39	13	2		
6	B (Pueblo SMSA).....	9,374	1,377	3	1	1	2	1	-	1	-	-	1	-	-		
7	2.....			3	2	1	3	-	-	2	-	2	1	-	-		
8	4.....			2	1	-	1	-	-	-	-	1	-	-	-		
9	5.....			3	1	-	2	-	-	1	-	1	-	-	-		
10	C (Colorado Springs SMSA).....			2,598	716	10	3	-	4	1	-	4	-	-	4	1	-
11	3.....	5,051	791	9	4	1	6	2	-	4	1	-	1	-	-		
12	New Mexico.....	17,243	2,589	23	11	4	15	-	-	13	-	-	15	4	1		
13	A (Albuquerque SMSA).....	11,592	1,769	17	8	2	12	-	-	9	-	-	11	2	-		
14	1.....	5,651	820	3	1	1	1	-	-	2	-	-	2	1	1		
15	2.....			1	1	-	1	-	-	1	-	1	-	-	-		
16	3.....			2	1	1	1	-	-	1	-	1	1	-	-		
17	Arizona.....	74,445	13,303	70	34	13	36	4	-	47	13	6	20	6	2		
18	A (Phoenix SMSA).....	68,021	11,893	55	27	11	26	4	-	35	11	5	15	5	2		
19	B (Tucson SMSA).....	6,424	1,410	12	5	1	7	-	-	9	2	1	3	-	-		
20	1.....			2	1	-	2	-	-	2	-	1	-	-	-		
21	2.....			1	1	1	1	-	-	1	-	1	1	-	-		
22	Utah.....	141,544	23,045	67	41	20	36	7	2	34	12	3	31	17	8		
23	A (Salt Lake City SMSA).....	86,350	12,674	51	27	9	26	4	1	25	11	3	21	10	6		
24	B (Ogden SMSA).....	16,342	3,391	5	5	3	3	2	-	3	-	-	4	3	-		
25	C (Provo-Orem SMSA).....	29,260	4,330	6	5	5	5	1	1	4	1	-	4	4	2		
26	1.....	9,592	2,650	3	3	2	1	-	-	1	-	-	1	-	-		
27	3.....			2	1	1	1	-	-	1	-	1	-	-	-		
28	Nevada.....			3,847	669	7	3	1	4	1	-	4	-	-	4	1	-
29	A (Las Vegas SMSA).....	3,847	669	2	1	-	1	-	-	1	-	-	2	1	-		
30	B (Reno SMSA).....			5	2	1	3	1	-	3	-	2	-	-			
31	PACIFIC, TOTAL.....	4,025,760	822,293	2,968	1,445	526	1,329	225	34	1,307	416	133	848	221	60		
32	Washington.....	492,660	96,047	236	113	42	111	18	2	106	24	8	97	29	7		
33	A (Seattle-Everett SMSA).....	358,807	69,796	144	70	24	61	12	2	60	16	5	54	17	5		
34	B (Tacoma SMSA).....	24,284	4,135	26	12	4	12	2	-	12	3	2	14	5	1		
35	C (Portland SMSA-Washington pt.) (See Oregon).....	32,516	6,499	4	2	2	3	1	-	2	-	-	3	1	-		
36	4.....			5	2	2	3	1	-	1	-	-	3	1	-		
37	D (Spokane SMSA).....			25,499	4,534	26	13	5	13	2	-	18	4	1	9	3	1
38	1.....			9,386	2,074	5	1	1	3	-	-	1	-	-	2	-	-
39	2.....					5	3	1	4	-	-	1	-	-	4	1	-
40	5.....	1,579	250			3	3	-	2	-	-	2	-	-	2	1	-
41	6.....	40,589	8,759	12	4	2	6	-	-	7	1	-	3	-	-		
42	7.....			6	3	1	4	-	-	2	-	3	-	-	-	-	
43	Oregon.....	316,422	56,461	184	103	37	108	23	2	94	29	5	81	32	6		
44	A (Portland SMSA Oregon portion) (See Washington)...	273,688	47,201	138	77	31	83	18	2	69	24	5	55	23	6		
45	B (Eugene SMSA).....	9,787	2,454	10	7	1	5	-	-	6	2	-	6	2	-		
46	1.....	6,866	1,442	10	3	1	6	1	-	6	1	-	6	2	-		
47	2.....	21,690	4,507	21	12	3	11	3	-	8	1	-	10	4	-		
48	3.....	4,391	857	1	1	-	1	-	-	1	-	-	1	-	-		
49	4.....			4	3	1	2	1	-	4	1	-	3	1	-	-	

See footnotes at end of table.

Establishments and Number of Establishments Consuming Steel, Areas: 1963--Continued

Number of establishments consuming steel mill shapes and forms--Continued																	
Carbon steel--Continued									Alloy steel								
Structural shapes (331015)			Wire and wire products (331017)			All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)			Bars and bar shapes (except stainless) (331021 and 331046)			All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)			Stainless steel (mill shapes and forms) (331031, 331047, 331048, and 331049)		
Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--	
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000
3	-	-	-	-	-	6	-	-	1	-	-	-	-	-	1	1	-
2	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	4	-	-	1	-	-	-	-	-	1	1	-
40	9	2	20	7	4	56	20	8	27	3	-	17	2	-	37	9	1
31	8	2	16	7	4	41	16	8	21	2	-	13	1	-	30	9	1
1	-	-	-	-	-	3	1	-	-	-	-	-	-	-	-	-	-
2	1	-	1	-	-	2	1	-	-	-	-	-	-	-	1	-	-
-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
3	-	-	1	-	-	4	-	-	3	1	-	3	1	-	5	-	-
2	-	-	2	-	-	4	1	-	3	-	-	1	-	-	1	-	-
10	2	-	3	-	-	10	2	1	4	-	-	3	-	-	6	-	-
7	1	-	2	-	-	8	2	1	2	-	-	2	-	-	6	-	-
1	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-
1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
1	1	-	1	-	-	1	-	-	1	-	-	1	-	-	-	-	-
23	7	2	12	4	-	15	5	2	14	1	-	10	-	-	21	4	1
16	5	2	8	4	-	14	5	2	10	1	-	8	-	-	16	4	1
5	1	-	4	-	-	1	-	-	4	-	-	1	-	-	5	-	-
1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	13	4	11	3	1	23	12	6	11	-	-	2	1	-	18	2	-
16	7	3	9	2	-	14	5	2	11	-	-	1	-	-	18	2	-
3	2	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
4	4	1	1	-	-	5	3	1	-	-	-	1	-	-	-	-	-
-	-	-	-	-	-	3	3	2	-	-	-	-	-	-	-	-	-
1	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-
4	2	-	-	-	-	3	-	-	-	-	-	-	-	-	1	-	-
2	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
2	1	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
640	175	32	354	129	32	773	246	99	509	88	13	441	121	34	209	-	31
68	16	6	24	11	2	79	26	10	37	7	-	31	8	3	8	-	32
33	7	4	15	7	1	42	14	3	23	5	-	23	7	2	8	-	-
7	1	1	3	2	-	11	2	1	-	-	-	1	-	-	-	-	-
3	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-
1	1	-	-	-	-	4	2	1	1	-	-	-	-	-	-	-	-
13	4	1	2	1	-	9	3	-	7	1	-	5	1	1	-	-	-
1	-	-	1	1	1	1	-	-	1	-	-	-	-	-	-	-	-
3	-	-	1	-	-	3	1	1	1	-	-	-	-	-	-	-	-
1	1	-	-	-	-	1	-	-	1	-	-	1	-	-	-	-	-
3	-	-	2	-	-	5	2	2	2	-	-	1	-	-	-	-	-
3	2	-	-	-	-	2	1	1	-	-	-	-	-	-	-	-	-
49	14	3	22	7	1	56	19	14	34	5	-	36	12	2	32	-	-
36	13	3	18	6	1	36	14	11	25	5	-	27	8	2	25	6	-
3	-	-	-	-	-	5	1	1	3	-	-	4	2	-	-	-	-
3	-	-	3	-	-	4	1	1	2	-	-	2	-	-	2	-	-
5	-	-	-	-	-	9	2	1	4	-	-	2	2	-	3	-	-
1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	2	1	-
1	1	-	1	1	-	1	1	-	-	-	-	1	-	-	-	-	-

See footnotes at end of table.

TABLE 5. Consumption of Steel Mill Shapes and Forms by Metal Fabricating by States and State Economic

Division, State, and State economic area ¹	Total steel		Number of establishments consuming mill shapes and forms											
			Total establishments ²		Carbon steel									
					Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)					Sheet and strip (331012)			Plate (331013)	
	Quantity (short tons)	Delivered cost (\$1,000)	Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--	
				\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000
PACIFIC--Continued														
1 California.....	3,121,629	649,713	2,531	1,216	440	1,103	181	30	1,099	361	120	664	159	47
2 A (San Francisco-Oakland SMSA).....	855,960	157,780	411	203	81	204	38	6	200	68	24	136	34	10
3 B (San Jose SMSA).....	103,282	25,683	111	51	19	59	11	-	43	10	2	39	12	4
4 C (Sacramento SMSA).....	152,927	27,766	26	20	9	14	1	-	11	4	2	10	2	1
5 D (Stockton SMSA).....	90,005	14,732	30	19	7	16	3	2	18	3	1	14	5	1
6 E (Fresno SMSA).....	38,051	6,855	35	19	7	20	5	-	22	9	2	16	5	1
7 F (Anaheim-Santa Ana-Garden Grove SMSA).....	88,226	21,417	117	47	14	45	5	-	48	18	5	22	3	3
8 G (San Diego SMSA).....	59,417	16,505	53	29	12	27	5	1	18	2	1	17	6	2
9 H (San Bernardino-Riverside-Ontario SMSA).....	104,408	17,535	61	34	11	30	7	-	27	9	4	18	7	2
10 J (Bakersfield SMSA).....	8,286	1,387	14	8	2	8	1	-	7	3	-	3	2	-
11 K (Santa Barbara SMSA).....	690	128	5	1	-	1	1	-	1	-	-	-	-	-
12 L (Los Angeles-Long Beach SMSA).....	1,517,089	338,528	1,582	741	263	632	97	20	659	222	77	365	79	22
13 M (Vallejo-Napa SMSA).....	13,320	2,070	5	5	1	3	3	-	1	-	-	2	1	1
14 1.....	465	101	5	-	-	3	-	-	3	-	-	3	-	-
15 2.....	4,586	1,068	10	6	2	5	1	1	4	2	-	3	1	-
16 3.....	12,775	2,579	13	6	3	5	1	-	6	1	1	1	-	-
17 4.....	3,743	745	8	3	1	6	1	-	6	2	-	3	-	-
18 5.....	52,860	11,577	17	11	5	8	-	-	8	3	1	5	2	-
19 6.....	10,291	2,097	12	7	1	8	-	-	8	3	-	3	-	-
20 7.....	4,950	1,091	12	6	2	8	1	-	8	2	-	3	-	-
21 8.....	298	69	4	-	-	1	-	-	1	-	-	1	-	-
22 Alaska.....	(D)	(D)	3	1	1	1	1	-	2	-	-	-	-	-
23 1.....	(D)	(D)	3	1	1	1	1	-	2	-	-	-	-	-
24 Hawaii.....	(D)	(D)	14	12	6	6	2	-	6	2	-	6	1	-
25 A (Honolulu SMSA).....	(D)	(D)	11	9	4	6	2	-	6	2	-	5	1	-
26 1.....	(D)	(D)	3	3	2	-	-	-	-	-	-	1	-	-

Note: Data are limited to the "metal fabricating industries." This includes establishments whose primary activity is the manufacture of products fabricated beyond the metal mill or foundry level. In addition to the consumption of steel by these establishments, a total of 3,364,261 short tons was produced by metal mills and consumed in the same establishments in the manufacture of fabricated products and in maintenance operations.

(D) Withheld to avoid disclosing the operations of individual companies.

¹A description of the State economic areas and a list of the counties included in each area are given in the appendix to this report. Standard Metropolitan Statistical Areas (SMSA) are identified by capital letters and the SMSA title is shown in parentheses. Nonmetropolitan areas are identified by figures. Also, see footnote 3.

Establishments and Number of Establishments Consuming Steel, Areas: 1963--Continued

Number of establishments consuming steel mill shapes and forms--Continued																		
Carbon steel--Continued									Alloy steel									
Structural shapes (331015)			Wire and wire products (331017)			All other mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042)			Bars and bar shapes (except stainless) (331021 and 331046)			All other mill shapes and forms (except stainless) (331020, 331029, 331044, and 331045)			Stainless steel (mill shapes and forms) (331031, 331047, 331048, and 331049)			
Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000	
517	141	22	305	110	29	628	195	71	436	76	13	373	101	29	797	194	41	1
106	28	6	58	14	4	117	29	20	45	10	3	49	16	3	113	26	4	2
28	8	2	10	5	1	37	9	3	11	2	-	19	5	3	40	10	2	3
9	4	1	1	-	-	13	9	5	5	-	-	2	-	-	7	-	-	4
11	1	-	6	2	-	10	3	3	5	-	-	4	1	-	4	-	-	5
13	4	-	3	1	-	15	3	2	1	-	-	4	1	-	5	3	-	6
15	3	-	12	2	-	24	6	1	30	5	-	19	6	3	43	8	1	7
16	3	1	7	4	-	19	6	1	13	4	-	10	5	3	27	10	5	8
25	9	1	8	5	1	19	6	-	9	2	1	9	2	-	10	3	2	9
2	1	-	1	-	-	6	2	-	-	-	-	1	1	-	3	-	-	10
-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	1	-	-	11
263	76	11	192	74	23	344	113	31	303	53	9	251	62	16	525	129	27	12
1	-	-	1	1	-	3	2	-	-	-	-	-	-	-	2	-	-	13
3	-	-	-	-	-	-	-	-	1	-	-	1	-	-	1	-	-	14
5	-	-	-	-	-	3	1	-	2	-	-	-	-	-	4	1	-	15
3	2	-	3	1	-	1	-	-	1	-	-	1	1	1	3	1	-	16
5	-	-	-	-	-	3	1	-	-	-	-	-	-	-	1	-	-	17
4	-	-	1	-	-	4	4	4	3	-	-	1	-	-	3	2	-	18
3	-	-	1	1	-	4	1	1	-	-	-	-	-	-	-	-	-	19
4	2	-	1	-	-	2	-	-	5	-	-	2	1	-	4	1	-	20
1	-	-	-	-	-	3	-	-	1	-	-	-	-	-	1	-	-	21
1	1	-	1	-	-	2	1	-	-	-	-	-	-	-	1	-	-	22
1	1	-	1	-	-	2	1	-	-	-	-	-	-	-	1	-	-	23
5	3	1	2	1	-	8	5	4	2	-	-	1	-	-	2	-	-	24
4	2	1	2	1	-	6	3	2	2	-	-	1	-	-	2	-	-	25
1	1	-	-	-	-	2	2	2	-	-	-	-	-	-	-	-	-	26

²Represents an unduplicated count of steel mill shape consumers. That is, an establishment which reported consumption of each of the nine separate types of steel mill shapes is counted as one establishment in the "total establishments" columns as well as one establishment in each of the nine detail columns. Also, a given establishment may be excluded from the detail shape columns labeled "consuming in excess of \$50,000 or \$250,000" because of relatively small consumption of specific shapes but may be included as a consumer of over \$50,000 or \$250,000 of steel in the "total establishments" columns.

³In New England, Standard Metropolitan Statistical Areas (SMSA) are defined on a city or town rather than a county basis. Therefore, the geographic units identified by capital letters do not represent SMSA's but represent areas which contain one or more of the central cities of SMSA's. The central cities are shown in parentheses.

TABLE 6. Consumption of Brass Mill Shapes and Bare Wire and Insulated Wire and Cable, by Specified Industry Groups and Industries: 1963

Code	Industry group and industry ¹	Bare wire (for electrical conduction) (335725, and 335728)		Insulated wire and cable (335790)		Brass mill shapes							
						Total		Rod, bar, and mechanical wire (335102)		Plate, sheet, and strip (335003, 335100, 335109, and 335123)		Pipe and tube (335127)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds copper content)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
	Metal fabricating industries, total ²	3558,727	259,324	474,130	341,874	51,699,266	865,710	5683,837	310,991	5678,727	352,873	5336,702	201,846
33	Primary metal industries...	331,129	130,108	324,026	18,566	40,930	22,615	(D)	(D)	(D)	(D)	(D)	(D)
34	Fabricated metal products...	13,285	5,822	3,590	2,645	605,750	285,987	329,093	134,750	150,835	82,462	125,822	68,775
35	Machinery, except electrical	9,284	5,846	29,627	23,669	238,248	145,149	49,616	31,725	55,419	33,831	133,213	79,593
36	Electrical machinery.....	195,304	111,447	358,960	253,763	6394,188	6199,096	6206,284	697,211	147,271	70,645	640,633	631,240
37	Transportation equipment...	4,393	3,822	51,507	35,437	257,455	123,408	65,925	30,892	166,328	76,920	25,202	15,596
38	Instruments and related products.....	(D)	(D)	(D)	(D)	49,328	25,498	(D)	(D)	(D)	(D)	(D)	(D)
39	Miscellaneous manufacturing	(X)	(X)	(X)	(X)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
19	Ordnance and accessories...	(D)	(D)	(D)	(D)	64,852	32,228	1,543	990	62,566	30,786	743	452
3357	Nonferrous wire drawing, etc.....	331,129	130,108	324,026	18,566	40,930	22,615	(D)	(D)	(D)	(D)	(D)	(D)
34	Fabricated metal products.....	13,285	5,822	3,590	2,645	605,750	285,987	329,093	134,750	150,835	82,462	125,822	68,775
342	Cutlery, hand tools, hardware.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3,049	2,486
3421	Cutlery.....	-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	250	257
3423	Hand and edge tools.....	(D)	(D)	(D)	(D)	2,053	1,354	875	494	417	276	761	584
3429	Hardware, n.e.c.....	(D)	(D)	(D)	(D)	55,846	29,947	23,015	10,723	30,793	17,579	2,038	1,645
343	Plumbing and heating, except electric.....	35	31	703	580	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3431	Metal plumbing fixtures...	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3432	Plumbing fittings, brass goods.....	-	-	(D)	(D)	90,484	41,345	47,312	21,066	10,218	4,446	32,954	15,833
3433	Heating equipment, except electric.....	35	31	372	283	17,733	10,673	2,537	983	1,788	1,116	13,408	8,574
344	Structural metal products..	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	20,613	11,430
3441	Fabricated structural steel.....	(D)	(D)	(D)	(D)	2,724	844	138	113	318	299	2,268	432
3442	Metal doors, sash, and trim.....	(D)	(D)	(D)	(D)	1,701	800	(D)	(D)	1,428	638	(D)	(D)
3443	Boiler shop products.....	(D)	(D)	(D)	(D)	21,372	12,844	486	257	4,919	3,875	15,967	8,712
3444	Sheet metal work.....	(D)	(D)	(D)	(D)	15,304	7,746	282	118	13,161	6,808	1,861	820
3446	Architectural metal work	-	-	-	-	1,993	1,998	(D)	(D)	418	264	(D)	(D)
3449	Miscellaneous metal work, n.e.c.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
345	Screw machine products, bolts, etc.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	13,705	7,075	(D)	(D)
3451	Screw machine products...	2,910	1,320	249	136	81,371	30,898	79,759	30,134	47	75	1,565	689
3452	Bolts, nuts, rivets, and washers.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	13,658	7,000	(D)	(D)
3461	Metal stampings.....	2,132	1,183	44	50	85,104	44,572	19,023	7,733	62,561	33,912	3,520	2,927
3481	Fabricated wire products, n.e.c.....	(D)	(D)	(D)	(D)	10,310	7,008	7,009	4,543	1,963	1,466	1,338	999
349	Fabricated metal products, n.e.c.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	47,844	24,905
3494	Valves and pipe fittings.	951	435	828	754	146,527	56,359	109,445	37,818	4,048	2,023	33,034	16,518
3498	Fabricated pipe and fittings.....	(X)	(X)	(X)	(X)	(D)	(D)	(D)	(D)	(D)	(D)	12,397	7,034
3499	Fabricated metal products, n.e.c.....	(D)	(D)	(D)	(D)	6,168	3,219	1,544	690	2,211	1,176	2,413	1,353
35	Machinery, except electrical.....	9,284	5,846	29,627	23,669	238,248	145,149	49,616	31,725	55,419	33,831	133,213	79,593
351	Engines and turbines.....	(D)	(D)	(D)	(D)	31,125	16,895	12,200	7,108	14,852	6,583	4,073	3,204
3511	Steam engines and turbines.....	(D)	(D)	(D)	(D)	16,019	9,652	11,721	6,789	1,719	944	2,579	1,919
3519	Internal combustion engines.....	(D)	(D)	(D)	(D)	15,106	7,243	479	319	13,133	5,639	1,494	1,285
3522	Farm machinery and equipment.....	49	29	538	485	16,749	5,383	2,551	959	543	323	13,655	4,101

See footnotes at end of table.

TABLE 6. Consumption of Brass Mill Shapes and Bare Wire and Insulated Wire and Cable, by Specified Industry Groups and Industries: 1963--Continued

Code	Industry group and industry ¹	Bare wire (for electrical conduction) (335725, and 335728)		Insulated wire and cable (335790)		Brass mill shapes							
		Total		Rod, bar, and mechanical wire (335102)		Plate, sheet, and strip (335003, 335100, 335109, and 335123)		Pipe and tube (335127)					
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds copper content)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
35	Machinery, except electrical—Continued												
353	Construction and like equipment.....	(D)	(D)	(D)	(D)	21,072	11,926	3,009	1,976	9,283	4,950	8,780	5,000
3531	Construction machinery...	234	143	1,348	1,206	12,017	6,154	476	291	8,354	4,273	3,187	1,590
3532	Mining machinery and equipment.....	(D)	(D)	(D)	(D)	576	450	423	331	80	69	73	50
3533	Oil field machinery.....	486	169	20	28	2,353	1,465	1,229	832	101	92	1,023	541
3534	Elevators and moving stairways.....	289	199	2,787	2,026	1,593	1,037	261	149	506	355	826	533
3535	Conveyors.....	68	37	288	204	2,991	1,951	404	254	218	142	2,369	1,555
3536	Hoists, cranes, and mono-rails.....	293	175	1,708	1,337	1,263	630	188	90	-	-	1,075	540
3537	Industrial trucks and tractors.....	44	42	539	368	279	239	28	29	24	19	227	191
354	Metalworking machinery....	956	833	3,585	3,946	8,924	6,801	(D)	(D)	(D)	(D)	(D)	(D)
3541	Metal-cutting machine tools.....	87	95	1,024	812	1,208	959	427	373	392	310	389	276
3542	Metal-forming machine tools.....	(D)	(D)	(D)	(D)	376	375	210	214	97	107	69	54
3544	Special dies and tools...	(D)	(D)	(D)	(D)	1,899	2,005	1,002	1,087	702	743	195	175
3545	Machine tool accessories.	(D)	(D)	(D)	(D)	290	274	(D)	(D)	(D)	(D)	(D)	(D)
3548	Metalworking machinery, n.e.c.....	705	591	2,183	2,900	5,151	3,188	4,442	2,702	107	83	602	403
355	Special industry machinery.	709	556	532	536	16,725	13,929	(D)	(D)	(D)	(D)	(D)	(D)
3551	Food products machinery...	401	281	77	48	1,845	1,197	688	370	207	129	950	698
3552	Textile machinery.....	(D)	(D)	(D)	(D)	3,063	1,803	710	335	1,127	617	1,226	851
3553	Woodworking machinery....	162	161	36	40	126	208	(D)	(D)	(D)	(D)	(D)	(D)
3554	Paper industries machine machinery.....	(D)	(D)	(D)	(D)	4,046	5,818	2,293	3,255	1,157	2,240	596	323
3555	Printing trades machinery	-	-	53	16	3,185	1,634	395	241	2,590	1,255	200	138
3559	Special industry machines, n.e.c.....	(D)	(D)	(D)	(D)	4,460	3,269	1,251	928	1,203	850	2,006	1,491
356	General industrial machinery.....	1,324	870	3,195	2,798	25,348	16,827	8,388	5,152	5,128	3,385	11,832	8,290
3561	Pumps and compressors...	655	367	2,233	1,715	9,675	5,982	4,355	2,530	655	362	4,665	3,090
3562	Ball and roller bearings.	-	-	(D)	(D)	2,490	1,333	(D)	(D)	(D)	(D)	269	135
3564	Blowers and fans.....	(D)	(D)	(D)	(D)	1,757	1,070	84	49	585	355	1,088	666
3565	Industrial patterns.....	-	-	-	-	29	18	(D)	(D)	(D)	(D)	(D)	(D)
3566	Power transmission equipment.....	131	104	305	230	3,264	2,369	(D)	(D)	1,247	785	(D)	(D)
3567	Industrial furnaces and ovens.....	172	155	422	328	4,977	3,785	642	386	435	276	3,900	3,123
3569	General industry machines, n.e.c.....	(D)	(D)	(D)	(D)	3,156	2,270	1,028	674	865	895	1,263	701
357	Office machines, n.e.c.....	751	619	5,398	4,190	4,582	4,734	1,135	845	3,071	3,526	376	363
3571	Computing and related machines.....	(D)	(D)	(D)	(D)	3,459	3,775	771	545	2,381	2,937	307	293
3572	Typewriters.....	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3576	Scales and balances.....	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3579	Office machines, n.e.c....	(D)	(D)	(D)	(D)	932	751	274	183	637	547	21	21
358	Service industry machines..	868	520	2,252	1,802	98,392	59,795	4,473	2,587	11,768	6,632	82,151	50,576
3581	Automatic vending machines.....	647	395	503	318	426	316	(D)	(D)	(D)	(D)	268	199
3582	Commercial laundry equipment.....	-	-	98	59	699	403	(D)	(D)	(D)	(D)	578	303
3585	Refrigeration machinery..	(D)	(D)	(D)	(D)	94,146	57,066	2,352	1,250	11,312	6,297	80,482	44,519
3586	Measuring and dispensing pumps.....	-	-	63	55	1,480	863	1,029	547	174	167	277	149
3589	Service industry machines, n.e.c.....	(D)	(D)	(D)	(D)	1,641	1,147	945	651	150	90	546	406
3599	Miscellaneous machinery....	137	105	196	264	15,331	8,859	6,142	3,223	3,178	2,089	6,011	3,547

See footnotes at end of table.

TABLE 6. Consumption of Brass Mill Shapes and Bare Wire and Insulated Wire and Cable, by Specified Industry Groups and Industries: 1963--Continued

Code	Industry group and industry ¹	Bare wire (for electrical conduction) (335725, and 335728)		Insulated wire and cable (335790)		Brass mill shapes							
						Total		Rod, bar, and mechanical wire (335102)		Plate, sheet, and strip (335003, 335100, 335109, and 335123)		Pipe and tube (335127)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds copper content)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
36	Electrical machinery...	195,304	111,447	358,960	253,763	6394,188	6199,096	6206,284	697,211	147,271	70,645	640,633	631,240
361	Electric distribution products.....	66,704	35,145	73,472	41,808	99,315	37,709	52,780	25,748	(D)	(D)	(D)	(D)
3611	Electric measuring instruments.....	1,338	1,065	6,407	3,257	2,812	2,149	1,300	886	(D)	(D)	(D)	2
3612	Transformers.....	62,343	32,081	61,912	34,886	47,025	8,724	15,896	6,024	30,151	2,045	978	655
3613	Switchgear and switchboards.....	3,023	1,999	5,153	3,665	49,478	26,836	35,584	18,838	11,471	6,657	2,423	1,341
362	Electric industrial apparatus.....	36,182	21,713	135,467	81,854	(D)	(D)	(D)	(D)	12,926	6,854	(D)	(D)
3621	Motors and generators....	25,307	15,475	113,610	65,586	76,586	31,851	70,325	28,201	5,809	3,212	452	438
3622	Industrial controls.....	3,195	1,510	5,367	3,761	8,491	5,173	4,099	2,388	4,037	2,547	385	238
3623	Welding apparatus.....	1,385	847	6,375	4,245	5,862	4,364	4,866	3,666	676	478	320	220
3624	Carbon and graphite products.....	659	619	33	17	(D)	(D)	(D)	(D)	334	221	(D)	(D)
3629	Electric industrial goods, n.e.c.....	5,636	3,262	10,082	8,245	6,286	2,105	3,694	1,387	2,100	396	492	322
363	Household appliances.....	(D)	(D)	(D)	(D)	26,247	18,534	2,556	1,583	4,367	2,368	19,324	14,583
3631	Household cooking equipment.....	-	-	895	1,232	1,154	980	(D)	(D)	(D)	(D)	(D)	(D)
3632	Household refrigerators..	(D)	(D)	(D)	(D)	16,840	12,734	(D)	(D)	(D)	(D)	(D)	(D)
3633	Household laundry equipment.....	-	-	1,529	1,248	(D)	(D)	(D)	(D)	-	-	-	-
3634	Electric housewares and fans.....	3,921	3,003	5,579	5,645	3,270	1,665	208	190	2,395	1,181	667	294
3635	Household vacuum cleaners	1,344	730	378	1,054	202	123	(D)	(D)	(D)	(D)	-	-
3636	Sewing machines.....	-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3639	Household appliances, n.e.c.....	307	191	366	287	4,518	2,878	861	608	1,123	601	2,534	1,669
364	Lighting and wiring devices	(D)	(D)	(D)	(D)	58,796	39,755	(D)	(D)	(D)	(D)	7,825	7,179
3641	Electric lamps.....	(D)	(D)	(D)	(D)	1,360	1,432	(D)	(D)	(D)	(D)	-	-
3642	Lighting fixtures.....	2,688	1,526	5,092	6,674	9,278	6,215	1,518	889	5,230	3,116	2,530	2,210
3643	Current carrying devices.	5,513	2,659	12,037	5,791	43,380	27,717	13,315	6,910	25,823	18,179	4,242	2,628
3644	Noncurrent carrying devices.....	(D)	(D)	345	137	4,778	4,391	1,405	864	2,320	1,186	1,053	2,341
3651	Radio and TV receiving sets	5,221	1,532	18,632	11,527	625	543	(D)	(D)	(D)	(D)	(D)	(D)
366	Communication equipment....	11,566	10,930	36,963	47,643	37,870	22,147	11,171	6,916	23,988	13,176	2,711	2,055
3661	Telephone; telegraph apparatus.....	7,195	7,543	12,725	25,336	32,537	18,242	8,473	5,195	22,587	11,918	1,477	1,129
3662	Radio, TV communication equipment.....	4,371	3,387	24,238	22,307	5,333	3,905	2,698	1,721	1,401	1,258	1,234	926
367	Electronic components.....	17,365	11,692	22,606	18,487	35,746	20,975	16,838	8,777	13,420	8,369	5,488	3,829
3671	Electron tubes, receiving type.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-
3672	Cathode ray picture tubes	-	-	-	-	(D)	(D)	-	-	(D)	(D)	(D)	(D)
3673	Electron tubes, transmitting.....	(D)	(D)	(D)	(D)	1,862	1,896	656	735	800	751	406	410
3674	Semiconductors.....	594	547	87	327	569	783	(D)	(D)	(D)	(D)	(D)	(D)
3679	Electronic components, n.e.c.....	16,706	11,070	22,468	18,087	32,736	17,705	15,583	7,322	12,218	7,103	4,935	3,280
369	Electrical products, n.e.c.	39,659	20,486	44,593	29,427	38,030	15,719	(D)	(D)	(D)	(D)	(D)	(D)
3694	Engine electrical equipment.....	39,200	19,594	30,537	16,090	31,080	12,654	22,402	8,318	8,590	4,280	88	56
3699	Electrical products, n.e.c.....	459	892	14,056	13,337	6,950	3,065	(D)	(D)	(D)	(D)	(D)	(D)
37	Transportation equipment.....	4,393	3,822	51,507	35,437	257,455	123,408	65,925	30,892	166,328	76,920	25,202	15,596
371	Motor vehicles and equipment.....	1,731	1,130	32,226	16,013	228,172	100,774	(D)	(D)	163,801	74,531	(D)	(D)
3713	Truck and bus bodies.....	-	-	149	96	415	251	(D)	(D)	(D)	(D)	217	138
3715	Truck trailers.....	-	-	773	433	605	256	(D)	(D)	(D)	(D)	(D)	(D)
3717	Motor vehicles and parts.	1,731	1,130	31,304	15,484	227,152	100,267	50,432	18,329	163,608	74,415	13,112	7,523

See footnotes at end of table.

TABLE 6. Consumption of Brass Mill Shapes and Bare Wire and Insulated Wire and Cable, by Specified Industry Groups and Industries: 1963--Continued

Code	Industry group and industry ¹	Bare wire (for electrical conduction) (335725, and 335728)		Insulated wire and cable (335790)		Brass mill shapes							
						Total		Rod, bar, and mechanical wire (335102)		Plate, sheet, and strip (335003, 335100, 335109, and 335123)		Pipe and tube (335127)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds copper content)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
37	Transportation equipment—Continued												
372	Aircraft and parts.....	(D)	(D)	(D)	(D)	(D)	(D)	4,958	2,799	(D)	(D)	445	504
3721	Aircraft.....	628	930	3,550	4,474	828	1,238	187	355	398	580	243	303
3722	Aircraft engines and parts.....	14	14	494	508	1,791	1,210	1,655	1,094	95	83	41	33
3723	Aircraft propellers and parts.....	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)	-	-
3729	Aircraft equipment, n.e.c.....	259	226	835	2,038	3,415	1,674	3,116	1,350	138	156	161	168
373	Ship and boat building.....	(D)	(D)	(D)	(D)	8,018	6,811	790	882	1,133	1,069	6,095	4,860
3731	Ship building and repairing.....	(D)	(D)	(D)	(D)	7,561	6,307	688	818	1,103	1,041	5,770	4,448
3732	Boat building and repairing.....	(D)	(D)	(D)	(D)	457	504	102	64	30	28	325	412
374	Railroad equipment.....	1,124	791	5,544	4,241	11,409	9,758	10,021	8,926	711	465	677	367
3741	Locomotives and parts.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3742	Railroad and street cars.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3751	Motorcycles, bicycles, and parts.....	-	-	-	-	(D)	(D)	(D)	(D)	-	-	-	-
379	Transportation equipment, n.e.c.....	320	226	4,917	3,537	3,713	1,891	(D)	(D)	(D)	(D)	3,570	1,798
3791	Trailer coaches.....	320	226	4,790	3,480	3,339	1,505	78	47	-	-	3,261	1,458
3799	Transportation equipment, n.e.c.....	-	-	127	57	374	386	(D)	(D)	(D)	(D)	309	340
38	Instruments and related products.....	(D)	(D)	3,480	3,085	49,328	25,498	(D)	(D)	(D)	(D)	(D)	(D)
3811	Scientific instruments.....	121	178	763	484	829	505	508	259	130	111	191	135
382	Mechanical measuring devices.....	(D)	(D)	(D)	(D)	47,337	24,327	24,404	10,981	12,064	7,333	10,869	6,013
3821	Mechanical measuring devices.....	(D)	(D)	(D)	(D)	23,749	10,845	10,286	4,692	6,660	3,716	6,803	2,437
3822	Automatic temperature controls.....	302	261	2,262	1,744	23,588	13,482	14,118	6,289	5,404	3,617	4,066	3,576
3831	Optical instruments and lenses.....	-	-	(D)	(D)	222	203	(D)	(D)	(D)	(D)	(D)	(D)
3861	Photographic equipment.....	(X)	(X)	(X)	(X)	940	463	940	463	(X)	(X)	(X)	(X)
39	Miscellaneous manufacturing.....	(X)	(X)	(X)	(X)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3914	Silverware and plated ware.....	(X)	(X)	(X)	(X)	20,497	13,415	(D)	(D)	(D)	(D)	(D)	(D)
394	Toys and sporting goods....	(X)	(X)	(X)	(X)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3941	Games and toys.....	(X)	(X)	(X)	(X)	597	431	(D)	(D)	(D)	(D)	(D)	(D)
3942	Dolls.....	(X)	(X)	(X)	(X)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3949	Sporting and athletic goods.....	(X)	(X)	(X)	(X)	2,433	1,955	(D)	(D)	(D)	(D)	(D)	(D)
396	Costume jewelry and notions	(X)	(X)	(X)	(X)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3963	Buttons.....	(X)	(X)	(X)	(X)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3964	Needles, pins, and fasteners.....	(X)	(X)	(X)	(X)	18,778	11,743	(D)	(D)	(D)	(D)	(D)	(D)
3999	Miscellaneous products, n.e.c.....	(X)	(X)	(X)	(X)	3,894	3,000	(D)	(D)	(D)	(D)	(D)	(D)
19	Ordnance and accessories.....	(D)	(D)	(D)	(D)	64,852	32,228	1,543	990	62,566	30,786	743	452
192	Missiles and ammunition, n.e.c.....	(D)	(D)	1,383	3,774	7,236	3,691	1,140	747	5,359	2,502	737	442
1925	Complete guided missiles.....	(D)	(D)	(D)	(D)	564	451	38	40	(D)	(D)	(D)	(D)
1929	Ammunition, n.e.c.....	(D)	(D)	(D)	(D)	6,672	3,240	1,102	707	(D)	(D)	(D)	(D)

See footnotes at end of tables.

TABLE 6. Consumption of Brass Mill Shapes and Bare Wire and Insulated Wire and Cable, by Specified Industry Groups and Industries: 1963--Continued

Code	Industry group and industry ¹	Bare wire (for electrical conduction) (335725, and 335728)		Insulated wire and cable (335790)		Brass mill shapes							
						Total		Rod, bar, and mechanical wire (335102)		Plate, sheet, and strip (335003, 335100, 335109, and 335123)		Pipe and tube (335127)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds copper content)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
19	Ordnance and accessories—Continued												
192	Missiles and ammunition, n.e.c.—Continued												
1931	Tanks and tank components.....	-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)
1951	Small arms, 30 mm and under.....	-	-	-	-	(D)	(D)	(D)	(D)	-	-	-	-
1961	Small arms ammunition.....	-	-	-	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-
1911	Guns, howitzers, mortars, and												
1999	and ordnance and accessories, n.e.c.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹Major group (2-digit) and industry group (3-digit) totals include (a) data for individual industries for which data are published as well as for those industries which could not be published without disclosing the operations of individual companies, and (b) an estimate of quantities for industries for which cost data were publishable but for which quantity data were suppressed because of significant nonreporting of quantity figures. The estimates for quantities are based on averages derived from those industry totals within the group for which valid totals of quantity and associated cost were reported.

²The "Metal fabricating industries" include establishments whose primary activity is the manufacture of products fabricated beyond the metal mill or foundry level.

³In addition, 730,948 thousand pounds of bare wire for electrical conduction were produced and consumed by nonferrous wire drawing establishments in the manufacture of further fabricated products. Most of this consumption resulted in the production of insulated wire and cable.

⁴Excludes insulated wire and cable produced and consumed in insulating plants in the production of fabricated products such as appliance wire and cord and flexible cord sets.

⁵Excludes brass mill shapes produced and consumed in nonferrous metal mills in the manufacture of fabricated metal products for which figures are not available.

⁶Excludes figures for industry 3624, "Carbon and Graphite Products."

TABLE 7. Consumption of Brass Mill Shapes and Bare Wire and Insulated Wire and Cable by Divisions and States: 1963

Division and State	Bare wire for electrical conduction						Insulated wire and cable (335790)	
	Total		Consumed in the manufacture of--					
			Fabricated products (335728)		Insulated wire and cable (335725)			
	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
United States, total.....	2558,727	259,324	227,598	129,219	2331,129	130,108	474,130	341,871
New England.....	93,191	47,242	22,771	13,886	70,420	33,356	29,286	21,678
Maine.....	-	-	-	-	-	-	(D)	(D)
New Hampshire.....	(D)	(D)	(D)	(D)	(D)	(D)	1,089	974
Vermont.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Massachusetts.....	43,189	22,472	16,452	9,498	26,737	12,974	17,730	11,687
Rhode Island.....	15,698	6,238	(D)	(D)	(D)	(D)	2,051	2,214
Connecticut.....	26,883	15,180	4,496	3,292	22,387	11,888	8,079	6,564
Middle Atlantic.....	156,638	66,881	43,924	24,515	112,714	42,366	104,402	77,065
New York.....	38,329	17,250	(D)	(D)	(D)	(D)	45,686	36,076
New Jersey.....	91,902	35,146	(D)	(D)	(D)	(D)	17,666	13,227
Pennsylvania.....	26,407	14,485	25,926	14,097	481	388	41,050	27,732
East North Central.....	203,124	92,946	119,986	63,428	83,138	29,518	230,318	154,655
Ohio.....	28,747	16,074	(D)	(D)	(D)	(D)	58,087	37,996
Indiana.....	76,459	29,471	(D)	(D)	(D)	(D)	88,332	54,630
Illinois.....	60,923	28,170	33,566	18,059	27,357	10,111	46,868	38,868
Michigan.....	31,100	16,059	(D)	(D)	(D)	(D)	18,162	12,151
Wisconsin.....	5,895	3,172	5,895	3,172	-	-	18,869	11,010
West North Central.....	27,151	12,810	(D)	(D)	(D)	(D)	29,214	22,851
Minnesota.....	968	569	968	569	-	-	4,049	2,276
Iowa.....	1,024	924	1,024	924	-	-	1,871	2,276
Missouri.....	23,333	10,020	(D)	(D)	(D)	(D)	18,665	14,109
North Dakota.....	-	-	-	-	-	-	-	(D)
South Dakota.....	(D)	(D)	(D)	(D)	-	-	(D)	(D)
Nebraska.....	1,714	1,188	1,714	1,188	-	-	(D)	(D)
Kansas.....	(D)	(D)	(D)	(D)	-	-	391	697
South Atlantic.....	18,946	10,832	(D)	(D)	(D)	(D)	20,115	13,551
Delaware.....	-	-	-	-	-	-	(D)	(D)
Maryland.....	5,928	3,106	(D)	(D)	(D)	(D)	10,514	5,862
District of Columbia.....	(D)	(D)	(D)	(D)	-	-	(D)	(D)
Virginia.....	707	475	707	475	-	-	1,410	1,303
West Virginia.....	1,460	798	1,460	798	-	-	313	11
North Carolina.....	2,256	1,275	(D)	(D)	(D)	(D)	2,468	1,641
South Carolina.....	(D)	(D)	(D)	(D)	-	-	(D)	(D)
Georgia.....	7,661	4,624	7,661	4,624	-	-	2,527	1,716
Florida.....	605	368	605	368	-	-	1,731	1,401
East South Central.....	15,603	7,654	(D)	(D)	(D)	(D)	18,225	12,225
Kentucky.....	(D)	(D)	(D)	(D)	-	-	7,483	4,633
Tennessee.....	10,301	4,417	(D)	(D)	(D)	(D)	7,094	4,011
Alabama.....	(D)	(D)	(D)	(D)	-	-	1,714	1,038
Mississippi.....	2,999	1,887	2,999	1,887	-	-	1,934	2,036
West South Central.....	14,536	6,934	(D)	(D)	(D)	(D)	14,397	14,397
Arkansas.....	2,419	1,514	2,419	1,514	-	-	6,500	3,104
Louisiana.....	-	-	-	-	-	-	64	76
Oklahoma.....	541	400	541	400	-	-	5,705	2,735
Texas.....	11,576	5,020	(D)	(D)	(D)	(D)	5,705	7,725
Mountain.....	613	328	613	328	-	-	1,861	1,444
Montana.....	-	-	-	-	-	-	56	-
Idaho.....	-	-	-	-	-	-	-	-
Wyoming.....	(D)	(D)	(D)	(D)	-	-	-	-
Colorado.....	457	230	457	230	-	-	1,410	4,011
New Mexico.....	(D)	(D)	(D)	(D)	-	-	-	-
Arizona.....	109	58	109	58	-	-	(D)	(D)
Utah.....	(D)	(D)	(D)	(D)	-	-	(D)	(D)
Nevada.....	-	-	-	-	-	-	-	-
Pacific.....	28,925	13,697	(D)	(D)	(D)	(D)	28,110	14,444
Washington.....	(D)	(D)	(D)	(D)	-	-	1,444	(D)
Oregon.....	416	402	416	402	-	-	-	-
California.....	28,152	13,132	(D)	(D)	(D)	(D)	28,152	13,132
Alaska.....	-	-	-	-	-	-	-	-
Hawaii.....	(D)	(D)	(D)	(D)	-	-	-	-

See footnotes at end of table.

TABLE 7. Consumption of Brass Mill Shapes and Bare Wire and Insulated Wire and Cable by Divisions and States: 1963--Continued

Division and State	Brass mill shapes							
	Total		Rod, bar, and mechanical wire (335102)		Plate, sheet, and strip (335003, 335100, 335109, and 335123)		Pipe and tube (335127)	
	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
United States, total.....	41,699,226	865,710	4683,837	310,991	4678,727	352,873	4336,702	201,846
New England.....	217,197	121,936	66,382	32,113	124,010	72,304	26,805	17,519
Maine.....	1,690	1,053	165	123	(D)	(D)	(D)	(D)
New Hampshire.....	6,160	2,910	2,981	1,270	2,459	1,293	720	347
Vermont.....	588	526	267	208	(D)	(D)	(D)	(D)
Massachusetts.....	53,083	32,454	19,487	9,708	26,925	18,451	6,671	4,295
Rhode Island.....	17,169	9,930	4,031	2,366	11,555	6,655	1,583	909
Connecticut.....	138,507	75,063	39,451	18,438	82,494	45,502	16,562	11,123
Middle Atlantic.....	490,119	234,179	175,029	83,212	231,523	102,800	83,567	48,167
New York.....	322,509	139,452	104,638	41,631	181,222	73,588	36,649	24,233
New Jersey.....	53,538	32,598	16,925	10,617	24,538	14,111	12,075	7,870
Pennsylvania.....	114,072	62,129	53,466	30,964	25,763	15,101	34,843	16,064
East North Central.....	651,034	326,340	329,942	141,905	179,456	102,218	141,636	82,217
Ohio.....	148,249	77,203	69,491	30,839	46,640	25,779	32,118	20,585
Indiana.....	125,376	57,656	63,677	23,862	26,951	13,521	34,748	20,273
Illinois.....	164,839	82,943	78,097	34,507	58,789	33,919	27,953	14,517
Michigan.....	156,594	75,343	100,310	41,913	27,189	17,328	29,095	16,102
Wisconsin.....	55,976	33,195	18,367	10,784	19,887	11,671	17,722	10,740
West North Central.....	87,493	43,267	25,996	11,691	43,022	21,347	18,475	10,229
Minnesota.....	12,383	6,395	4,892	2,288	3,237	1,483	4,254	2,624
Iowa.....	14,027	7,039	4,726	2,111	1,654	1,200	7,647	3,728
Missouri.....	50,717	25,571	15,287	6,837	(D)	(D)	(D)	(D)
North Dakota.....	-	-	-	-	-	-	-	-
South Dakota.....	465	74	(D)	(D)	-	-	(D)	(D)
Nebraska.....	(D)	(D)	(D)	(D)	(D)	(D)	556	161
Kansas.....	(D)	(D)	1,026	432	(D)	(D)	(D)	(D)
South Atlantic.....	71,945	39,071	25,061	11,232	31,269	18,177	15,615	9,662
Delaware.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Maryland.....	(D)	(D)	2,735	1,192	(D)	(D)	1,413	1,032
District of Columbia.....	51	38	(D)	(D)	(D)	(D)	(D)	(D)
Virginia.....	6,044	4,618	(D)	(D)	(D)	(D)	3,584	2,782
West Virginia.....	(D)	(D)	914	360	153	84	(D)	(D)
North Carolina.....	18,122	9,167	10,619	4,046	4,676	3,263	2,827	1,858
South Carolina.....	1,263	578	(D)	(D)	429	132	388	180
Georgia.....	15,785	7,202	(D)	(D)	6,281	3,185	(D)	(D)
Florida.....	3,553	1,933	2,558	1,255	373	266	622	412
East South Central.....	43,708	26,028	14,622	8,266	16,078	8,337	13,008	9,425
Kentucky.....	22,316	11,796	7,272	3,707	8,989	4,046	6,055	4,043
Tennessee.....	11,581	6,600	4,255	1,933	5,354	3,223	1,972	1,444
Alabama.....	4,767	3,968	2,970	2,557	(D)	(D)	(D)	(D)
Mississippi.....	5,044	3,664	(D)	(D)	(D)	(D)	4,132	3,211
West South Central.....	36,857	21,028	7,480	3,303	12,798	6,292	16,579	11,433
Arkansas.....	2,086	1,016	531	220	(D)	(D)	1,527	780
Louisiana.....	730	494	68	75	(D)	(D)	467	254
Oklahoma.....	5,800	3,535	612	348	899	733	4,289	2,454
Texas.....	28,241	15,983	6,269	2,660	11,676	5,378	10,296	7,945
Mountain.....	5,048	2,848	2,376	1,277	1,153	710	1,519	861
Montana.....	-	-	-	-	-	-	-	-
Idaho.....	185	118	(D)	(D)	(D)	(D)	(D)	(D)
Wyoming.....	480	141	(D)	(D)	411	91	-	-
Colorado.....	2,741	1,287	1,950	869	153	101	638	317
New Mexico.....	26	30	(D)	(D)	(D)	(D)	(D)	(D)
Arizona.....	461	338	176	134	12	9	(D)	(D)
Utah.....	1,155	934	(D)	(D)	(D)	(D)	585	330
Nevada.....	-	-	-	-	-	-	-	-
Pacific.....	95,865	51,013	36,949	17,992	39,418	20,688	19,498	12,333
Washington.....	3,831	2,772	630	465	1,908	1,072	1,293	1,235
Oregon.....	1,084	662	582	328	73	47	(D)	(D)
California.....	90,922	47,557	35,737	17,199	37,425	19,562	17,760	10,796
Alaska.....	(D)	(D)	-	-	(D)	(D)	-	-
Hawaii.....	(D)	(D)	-	-	(D)	(D)	(D)	(D)

Standard Notes: - Represents zero.

(D) Withheld to avoid disclosing figures for individual companies.

(NA) Not available.

(X) Not applicable.

¹Separate consumption figures are shown for (a) bare wire consumed by fabricators, and (b) bare wire consumed by establishments in Industry 3357, Nonferrous Wire Drawing, Etc. Most of the consumption in SIC 3357 results in the production of insulated wire and cable.

²In addition, 730,948 thousand pounds of bare wire for electrical conduction were produced and consumed by nonferrous wire drawing establishments in the manufacture of further fabricated products. Most of this consumption resulted in the production of insulated wire and cable.

³Excludes insulated wire and cable produced and consumed in insulating plants in the production of fabricated products such as appliance wire and cord and flexible cord sets.

⁴Excludes brass mill shapes produced and consumed in nonferrous metal mills in the manufacture of fabricated metal products for which figures are not available.

TABLE 8. Consumption of Brass Mill Shapes and Forms by Metal Fabricating Establishments, and Selected Industry Groups and Industries, Within States: 1963

Code	Division, State, industry groups, and industries ¹	Total ²		Rod, bar, and mechanical wire (335120)		Plate, sheet, and strip (335003, 335100, 335109, and 335123)		Pipe and tube (335127)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
	UNITED STATES, TOTAL.....	1,699,266	865,710	683,837	310,991	678,727	352,873	336,702	201,846
	NEW ENGLAND.....	217,197	121,936	66,382	32,113	124,010	72,304	26,805	17,519
	Maine.....	1,690	1,053	165	123	(D)	(D)	(D)	(D)
	New Hampshire.....	6,160	2,910	2,981	1,270	2,459	1,293	720	347
34	Fabricated metal products.....	2,465	1,187	(D)	(D)	1,729	738	(D)	(D)
36	Electrical machinery.....	3,206	1,393	1,472	626	(D)	(D)	(D)	(D)
	Vermont.....	588	526	267	208	(D)	(D)	(D)	(D)
	Massachusetts.....	53,083	32,454	19,487	9,708	26,925	18,451	6,671	4,295
34	Fabricated metal products.....	24,470	14,716	12,611	5,511	10,180	8,195	1,679	1,010
3433	Heating equipment, except electric.....	956	555	-	-	(D)	(D)	(D)	(D)
3451	Screw machine products.....	5,857	2,266	5,850	2,254	(D)	(D)	(D)	(D)
3452	Bolts, nuts, rivets, and washers.....	8,395	4,165	(D)	(D)	(D)	(D)	-	-
3461	Metal stampings.....	1,447	948	(D)	(D)	1,419	927	(D)	(D)
3481	Fabricated wire products, n.e.c.....	216	263	(D)	(D)	-	-	(D)	(D)
3494	Valves and pipe fittings.....	1,204	592	1,054	501	(D)	(D)	(D)	(D)
3499	Fabricated metal products, n.e.c.....	280	100	(D)	(D)	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	7,819	5,058	1,841	1,319	3,200	1,969	2,778	1,775
3544	Special dies and tools.....	98	108	(D)	(D)	73	85	(D)	(D)
3552	Textile machinery.....	1,238	711	91	81	(D)	(D)	(D)	(D)
3554	Paper industries machinery.....	287	240	65	55	199	166	23	19
3559	Special industry machines, n.e.c.....	243	148	(D)	(D)	(D)	(D)	40	30
3566	Power transmission equipment.....	953	640	(D)	(D)	(D)	(D)	-	-
3599	Miscellaneous machinery.....	3,027	2,147	317	267	(D)	(D)	(D)	(D)
36	Electrical machinery.....	9,019	5,611	4,252	2,434	2,844	1,889	1,923	1,288
3613	Switchgear and switchboards.....	1,119	714	(D)	(D)	(D)	(D)	(D)	(D)
3642	Lighting fixtures.....	1,625	942	(D)	(D)	244	157	(D)	(D)
3643	Current carrying devices.....	804	416	301	146	(D)	(D)	(D)	(D)
3662	Radio, TV communications equipment.....	394	350	221	188	(D)	(D)	(D)	(D)
3679	Electronic components, n.e.c.....	1,826	984	1,226	554	(D)	(D)	(D)	(D)
38	Instruments and related products.....	763	717	(D)	(D)	287	335	(D)	(D)
39	Miscellaneous manufacturing.....	3,343	2,546	-	-	3,343	2,546	-	-
3914	Silverware and plated ware.....	3,008	2,416	-	-	2,416	-	-	-
	Rhode Island.....	17,169	9,930	4,031	2,366	11,555	6,655	1,583	909
34	Fabricated metal products.....	6,877	3,870	(D)	(D)	2,699	1,482	(D)	(D)
3451	Screw machine products.....	1,536	632	(D)	(D)	(D)	(D)	-	-
3452	Bolts, nuts, rivets, and washers.....	1,294	1,179	(D)	(D)	(D)	(D)	-	-
3461	Metal stampings.....	2,469	1,296	(D)	(D)	(D)	(D)	-	-
36	Electrical machinery.....	6,685	3,102	(D)	(D)	5,876	2,596	(D)	(D)
39	Miscellaneous manufacturing.....	1,737	1,895	-	-	1,737	1,895	-	-
	Connecticut.....	138,507	75,063	39,451	18,438	82,494	45,502	16,562	11,123
33	Primary metal industries.....	1,038	698	-	-	1,038	698	-	-
3357	Nonferrous wire drawing, etc.....	1,038	698	-	-	1,038	698	-	-
34	Fabricated metal products.....	74,236	33,892	27,181	11,550	37,481	16,276	9,574	4,066
3429	Hardware, n.e.c.....	8,741	4,749	(D)	(D)	4,237	2,096	(D)	(D)
3432	Plumbing fittings, brass goods.....	7,444	3,555	(D)	(D)	(D)	(D)	7,384	3,525
3451	Screw machine products.....	10,134	3,994	10,030	3,928	-	-	104	64
3452	Bolts, nuts, rivets, and washers.....	1,614	872	(D)	(D)	(D)	(D)	-	-
3461	Metal stampings.....	41,820	16,118	(D)	(D)	30,890	12,688	(D)	(D)
3481	Fabricated wire products, n.e.c.....	1,512	1,264	(D)	(D)	(D)	(D)	-	-
35	Machinery, except electrical.....	6,330	4,275	2,985	1,954	1,953	1,357	1,392	962
3569	General industry machines, n.e.c.....	447	301	(D)	(D)	(D)	(D)	(D)	(D)
3579	Office machines, n.e.c.....	333	202	(D)	(D)	161	100	(D)	(D)
3599	Miscellaneous machinery.....	2,601	1,679	1,116	635	(D)	(D)	(D)	(D)
36	Electrical machinery.....	16,080	9,715	(D)	(D)	7,440	4,404	(D)	(D)
3643	Current carrying devices.....	6,954	3,716	(D)	(D)	4,008	2,318	(D)	(D)
3662	Radio, TV communications equipment.....	95	96	57	69	(D)	(D)	(D)	(D)
37	Transportation equipment.....	8,101	4,262	(D)	(D)	(D)	(D)	(D)	(D)
39	Miscellaneous manufacturing.....	23,429	14,717	-	-	(D)	(D)	(D)	(D)
3964	Needles, pins, and fasteners.....	6,534	4,306	-	-	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 8. Consumption of Brass Mill Shapes and Forms by Metal Fabricating Establishments, and Selected Industry Groups and Industries, Within States: 1963--Continued

Code	Division, State, industry groups, and industries ¹	Total ²		Rod, bar, and mechanical wire (335120)		Plate, sheet, and strip (335003, 335100, 335109, and 335123)		Pipe and tube (335127)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
	MIDDLE ATLANTIC.....	490,119	234,179	175,029	83,212	231,523	102,800	83,567	48,167
	New York.....	322,509	139,452	104,638	41,631	181,222	73,588	36,649	24,233
34	Fabricated metal products.....	58,810	28,080	20,580	7,799	24,132	12,338	14,098	7,943
3429	Hardware, n.e.c.....	3,206	1,780	(D)	(D)	1,502	798	(D)	(D)
3432	Plumbing fittings, brass goods.....	2,614	1,250	(D)	(D)	(D)	(D)	2,473	1,171
3433	Heating equipment, except electric.....	2,504	1,795	(D)	(D)	-	-	(D)	(D)
3441	Fabricated structural steel.....	1,097	267	(D)	(D)	161	141	(D)	(D)
3442	Metal doors, sash, and trim.....	201	56	-	-	201	56	-	-
3443	Boiler shop products.....	3,973	2,644	(D)	(D)	(D)	(D)	3,557	2,320
3444	Sheet metal work.....	2,246	1,045	(D)	(D)	2,138	938	(D)	(D)
3446	Architectural metal work.....	325	209	(D)	(D)	(D)	(D)	(D)	(D)
3451	Screw machine products.....	11,066	3,960	(D)	(D)	-	-	(D)	(D)
3452	Bolts, nuts, rivets, and washers.....	9,870	4,879	(D)	(D)	(D)	(D)	(D)	(D)
3461	Metal stampings.....	14,543	6,863	(D)	(D)	(D)	(D)	(D)	(D)
3481	Fabricated wire products, n.e.c.....	303	200	114	89	(D)	(D)	(D)	(D)
3494	Valves and pipe fittings.....	1,526	624	1,450	555	(D)	(D)	(D)	(D)
3498	Fabricated pipe and fittings.....	1,954	1,008	-	-	-	-	1,954	1,008
3499	Fabricated metal products, n.e.c.....	2,547	1,310	825	284	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	34,732	23,111	4,445	2,283	11,921	7,568	18,366	13,260
3544	Special dies and tools.....	294	288	(D)	(D)	80	94	(D)	(D)
3554	Paper industries machinery.....	79	76	36	39	(D)	(D)	(D)	(D)
3559	Special industry machines, n.e.c.....	354	275	148	109	80	83	126	83
3561	Pumps and compressors.....	973	731	(D)	(D)	(D)	(D)	553	589
3567	Industrial furnaces and ovens.....	56	51	37	33	(D)	(D)	(D)	(D)
3569	General industry machines, n.e.c.....	475	354	240	167	(D)	(D)	(D)	(D)
3585	Refrigeration machinery.....	25,349	16,487	(D)	(D)	(D)	(D)	16,668	11,966
3599	Miscellaneous machinery.....	329	245	123	116	(D)	(D)	(D)	(D)
36	Electrical machinery.....	83,139	34,368	70,182	27,101	10,729	5,522	2,228	1,745
37	Transportation equipment.....	111,382	46,707	8,513	3,438	101,511	42,360	1,358	909
3717	Motor vehicles and parts.....	110,831	46,317	8,394	3,340	101,429	42,270	1,008	707
3729	Aircraft equipment, n.e.c.....	85	104	(D)	(D)	(D)	(D)	-	-
38	Instruments and related products.....	2,830	1,625	(D)	(D)	(D)	(D)	(D)	(D)
3811	Scientific instruments.....	76	66	35	26	(D)	(D)	(D)	(D)
3821	Mechanical measuring devices.....	1,793	1,058	(D)	(D)	877	515	(D)	(D)
39	Miscellaneous manufacturing.....	9,364	5,036	-	-	(D)	(D)	(D)	(D)
3914	Silverware and plated ware.....	1,653	1,119	-	-	(D)	(D)	(D)	(D)
3964	Needles, pins, and fasteners.....	4,169	2,259	-	-	4,169	2,259	-	-
3999	Miscellaneous products, n.e.c.....	2,964	1,114	-	-	2,964	1,114	-	-
	New Jersey.....	53,538	32,598	16,925	10,617	24,538	14,111	12,075	7,870
34	Fabricated metal products.....	19,627	10,294	6,541	3,495	8,844	4,462	4,242	2,337
3433	Heating equipment, except electric.....	1,903	1,238	(D)	(D)	(D)	(D)	1,701	1,128
3443	Boiler shop products.....	177	140	-	-	(D)	(D)	(D)	(D)
3444	Sheet metal work.....	403	273	(D)	(D)	390	258	(D)	(D)
3451	Screw machine products.....	1,989	755	1,916	701	(D)	(D)	(D)	(D)
3452	Bolts, nuts, rivets, and washers.....	1,486	1,053	(D)	(D)	(D)	(D)	-	-
3461	Metal stampings.....	5,210	2,647	(D)	(D)	5,145	2,560	(D)	(D)
3481	Fabricated wire products, n.e.c.....	1,885	863	1,427	490	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	10,647	7,408	2,404	1,558	1,892	1,497	6,351	4,353
3544	Special dies and tools.....	82	50	(D)	(D)	(D)	(D)	(D)	(D)
3559	Special industry machines, n.e.c.....	201	151	(D)	(D)	98	83	(D)	(D)
3569	General industry machines, n.e.c.....	471	359	(D)	(D)	191	138	(D)	(D)
3585	Refrigeration machinery.....	2,524	1,429	(D)	(D)	(D)	(D)	2,092	1,065
3599	Miscellaneous machinery.....	480	363	272	232	(D)	(D)	(D)	(D)
36	Electrical machinery.....	16,452	10,409	6,082	4,618	9,295	5,039	1,075	752
3611	Electric measuring instruments.....	251	163	186	118	65	45	-	-
3612	Transformers.....	305	63	-	-	305	63	-	-
3613	Switchgear and switchboards.....	2,178	1,236	1,264	699	(D)	(D)	(D)	(D)
3621	Motors and generators.....	432	229	(D)	(D)	(D)	(D)	-	-
3642	Lighting fixtures.....	583	294	(D)	(D)	(D)	(D)	(D)	(D)
3643	Current carrying devices.....	2,401	1,548	(D)	(D)	(D)	(D)	(D)	(D)
3662	Radio, TV communications equipment.....	593	359	425	240	(D)	(D)	(D)	(D)
37	Transportation equipment.....	1,635	839	(D)	(D)	(D)	(D)	391	179
39	Miscellaneous manufacturing.....	2,075	1,185	(D)	(D)	(D)	(D)	-	-
3964	Needles, pins, and fasteners.....	1,609	890	-	-	1,609	890	-	-

See footnotes at end of table.

TABLE 8. Consumption of Brass Mill Shapes and Forms by Metal Fabricating Establishments, and Selected Industry Groups and Industries, Within States: 1963--Continued

Code	Division, State, industry groups, and industries ¹	Total ²		Rod, bar, and mechanical wire (335120)		Plate, sheet, and strip (335003, 335100, 335109, and 335123)		Pipe and tube (335127)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
	MIDDLE ATLANTIC--Continued								
	Pennsylvania.....	114,072	62,129	53,466	30,964	25,763	15,101	34,843	16,064
34	Fabricated metal products.....	24,439	13,846	11,102	6,225	5,063	3,176	8,274	4,445
3423	Hand and edge tools.....	673	297	(D)	(D)	(D)	(D)	345	173
3429	Hardware, n.e.c.....	1,565	967	1,009	613	(D)	(D)	(D)	(D)
3433	Heating equipment, except electric.....	3,251	1,833	(D)	(D)	(D)	(D)	2,677	1,761
3443	Boiler shop products.....	4,332	2,087	(D)	(D)	(D)	(D)	3,512	1,552
3444	Sheet metal work.....	429	264	(D)	(D)	375	221	(D)	(D)
3451	Screw machine products.....	1,153	487	(D)	(D)	-	-	(D)	(D)
3452	Bolts, nuts, rivets, and washers.....	1,143	878	(D)	(D)	-	-	(D)	(D)
3461	Metal stampings.....	5,713	4,300	(D)	(D)	2,976	1,875	(D)	(D)
3481	Fabricated wire products, n.e.c.....	655	311	(D)	(D)	(D)	(D)	-	-
3494	Valves and pipe fittings.....	2,093	968	1,992	900	(D)	(D)	(D)	(D)
3498	Fabricated pipe and fittings.....	765	480	-	-	-	-	765	480
3499	Fabricated metal products, n.e.c.....	60	57	(D)	(D)	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	34,503	18,523	13,014	7,790	4,777	2,854	16,712	7,879
3532	Mining machinery and equipment.....	126	90	(D)	(D)	(D)	(D)	(D)	(D)
3541	Metal-cutting machine tools.....	38	55	(D)	(D)	(D)	(D)	26	39
3544	Special dies and tools.....	142	95	(D)	(D)	75	44	(D)	(D)
3548	Metalworking machinery, n.e.c.....	823	499	691	414	(D)	(D)	(D)	(D)
3552	Textile machinery.....	434	248	(D)	(D)	(D)	(D)	49	29
3559	Special industry machines, n.e.c.....	296	251	(D)	(D)	80	72	(D)	(D)
3561	Pumps and compressors.....	610	310	403	168	(D)	(D)	(D)	(D)
3567	Industrial furnaces and ovens.....	262	167	92	48	(D)	(D)	(D)	(D)
3569	General industry machines, n.e.c.....	444	307	57	28	273	177	114	102
3585	Refrigeration machinery.....	12,432	4,255	214	69	244	133	11,974	4,053
3599	Miscellaneous machinery.....	313	245	110	99	(D)	(D)	(D)	(D)
36	Electrical machinery.....	34,940	19,539	19,791	10,771	11,933	6,795	3,216	1,973
3612	Transformers.....	4,339	2,252	1,378	741	(D)	(D)	(D)	(D)
3613	Switchgear and switchboards.....	14,438	7,368	11,396	5,805	(D)	(D)	(D)	(D)
3623	Electric welding apparatus.....	510	427	(D)	(D)	-	-	(D)	(D)
3642	Lighting fixtures.....	651	446	(D)	(D)	333	180	(D)	(D)
3662	Radio, TV communications equipment.....	162	101	89	45	(D)	(D)	(D)	(D)
3679	Electronic components, n.e.c.....	1,878	1,115	898	366	(D)	(D)	(D)	(D)
37	Transportation equipment.....	6,852	4,655	(D)	(D)	(D)	(D)	(D)	(D)
3717	Motor vehicles and parts.....	1,157	688	470	288	(D)	(D)	(D)	(D)
3791	Trailer coaches.....	366	118	-	-	-	-	366	118
38	Instruments and related products.....	10,901	3,655	(D)	(D)	(D)	(D)	(D)	(D)
3821	Mechanical measuring devices.....	9,495	2,920	3,106	1,358	(D)	(D)	(D)	(D)
	EAST NORTH CENTRAL.....	651,034	326,340	329,942	141,905	179,456	102,218	141,636	82,217
	Ohio.....	148,249	77,203	69,491	30,839	46,640	25,779	32,118	20,585
34	Fabricated metal products.....	65,045	27,697	39,348	15,085	11,881	5,697	13,816	6,915
3429	Hardware, n.e.c.....	2,262	1,176	(D)	(D)	1,488	709	(D)	(D)
3432	Plumbing fittings, brass goods.....	18,385	7,313	8,910	3,551	(D)	(D)	499	346
3433	Heating equipment, except electric.....	690	452	(D)	(D)	(D)	(D)	(D)	(D)
3444	Sheet metal work.....	2,348	823	(D)	(D)	(D)	(D)	(D)	(D)
3451	Screw machine products.....	13,655	4,919	13,523	4,832	(D)	(D)	(D)	(D)
3452	Bolts, nuts, rivets, and washers.....	4,999	2,528	4,506	2,065	(D)	(D)	(D)	(D)
3461	Metal stampings.....	3,180	1,603	(D)	(D)	2,621	1,519	(D)	(D)
3481	Fabricated wire products, n.e.c.....	1,801	1,107	1,218	708	(D)	(D)	(D)	(D)
3494	Valves and pipe fittings.....	11,897	4,215	10,492	3,582	(D)	(D)	(D)	(D)
3499	Fabricated metal products, n.e.c.....	544	355	(D)	(D)	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	16,831	11,639	5,475	3,777	3,260	2,084	8,096	5,778
3531	Construction machinery.....	1,200	359	(D)	(D)	(D)	(D)	(D)	(D)
3534	Elevators and moving stairways.....	145	60	(D)	(D)	(D)	(D)	149	70
3537	Industrial trucks and tractors.....	163	88	(D)	(D)	(D)	(D)	82	71
3541	Metal-cutting machine tools.....	457	329	(D)	(D)	(D)	(D)	(D)	(D)
3542	Metal-forming machine tools.....	54	57	(D)	(D)	(D)	(D)	(D)	(D)
3544	Special dies and tools.....	145	97	(D)	(D)	120	77	(D)	(D)
3548	Metalworking machinery, n.e.c.....	691	825	532	668	(D)	(D)	217	145
3559	Special industry machines, n.e.c.....	737	268	(D)	(D)	(D)	(D)	(D)	(D)
3561	Pumps and compressors.....	1,941	1,240	1,483	938	(D)	(D)	4,805	2,118
3585	Refrigeration machinery.....	6,131	4,845	(D)	(D)	(D)	(D)	(D)	(D)
3599	Miscellaneous machinery.....	1,077	547	(D)	(D)	(D)	(D)	(D)	(D)
36	Electrical machinery.....	35,976	19,510	16,703	8,518	11,509	6,461	8,096	5,778
3621	Motors and generators.....	5,082	2,804	4,385	2,383	(D)	(D)	(D)	(D)
3622	Industrial controls.....	599	403	500	336	(D)	(D)	(D)	(D)
3623	Electric welding apparatus.....	1,985	1,136	(D)	(D)	(D)	(D)	(D)	(D)
3642	Lighting fixtures.....	385	291	(D)	(D)	187	(D)	(D)	(D)
3643	Current carrying devices.....	5,150	3,018	1,209	723	(D)	(D)	(D)	(D)
3679	Electronic components, n.e.c.....	892	526	192	99	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 8. Consumption of Brass Mill Shapes and Forms by Metal Fabricating Establishments, and Selected Industry Groups and Industries, Within States: 1963--Continued

Code	Division, State, industry groups, and industries ¹	Total ²		Rod, bar, and mechanical wire (335120)		Plate, sheet, and strip (335003, 335100, 335109, and 335123)		Pipe and tube (335127)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
	EAST NORTH CENTRAL--Continued								
	Ohio--Continued								
37	Transportation equipment.....	25,881	14,593	6,301	2,314	(D)	(D)	(D)	(D)
3717	Motor vehicles and parts.....	25,469	14,270	(D)	(D)	(D)	(D)	941	664
3722	Aircraft engines and parts.....	94	108	82	98	(D)	(D)	(D)	(D)
38	Instruments and related products.....	4,178	2,925	1,634	827	(D)	(D)	(D)	(D)
3821	Mechanical measuring devices.....	657	464	273	134	(D)	(D)	(D)	(D)
	Indiana.....	125,376	57,656	63,677	23,862	26,951	13,521	34,748	20,273
34	Fabricated metal products.....	39,103	18,627	18,063	7,254	2,136	1,254	18,904	10,119
3429	Hardware, n.e.c.....	294	130	(D)	(D)	(D)	(D)	(D)	(D)
3432	Plumbing fittings, brass goods.....	5,776	2,234	(D)	(D)	-	-	(D)	(D)
3433	Heating equipment, except electric.....	353	217	(D)	(D)	(D)	(D)	329	203
3451	Screw machine products.....	2,678	1,074	(D)	(D)	-	-	(D)	(D)
3461	Metal stampings.....	3,085	2,072	(D)	(D)	1,402	837	(D)	(D)
3494	Valves and pipe fittings.....	25,947	12,319	(D)	(D)	615	343	(D)	(D)
35	Machinery, except electrical.....	16,200	7,709	535	389	8,315	3,600	7,350	3,720
3522	Farm machinery and equipment.....	2,501	537	(D)	(D)	(D)	(D)	2,205	360
3544	Special dies and tools.....	96	125	(D)	(D)	30	60	(D)	(D)
3561	Pumps and compressors.....	233	111	(D)	(D)	(D)	(D)	72	54
3585	Refrigeration machinery.....	4,645	3,099	(D)	(D)	(D)	(D)	4,349	2,856
3599	Miscellaneous machinery.....	175	103	136	71	(D)	(D)	(D)	(D)
36	Electrical machinery.....	44,425	21,695	(D)	(D)	(D)	(D)	(D)	(D)
3621	Motors and generators.....	1,415	798	(D)	(D)	1,237	658	(D)	(D)
3679	Electronic components, n.e.c.....	3,089	1,441	(D)	(D)	(D)	(D)	(D)	(D)
37	Transportation equipment.....	25,160	9,115	(D)	(D)	(D)	(D)	(D)	(D)
3717	Motor vehicles and parts.....	24,508	8,804	(D)	(D)	(D)	(D)	(D)	(D)
3791	Trailer coaches.....	380	213	-	-	-	-	380	213
	Illinois.....	164,839	82,943	78,097	34,507	58,789	33,919	27,953	14,517
34	Fabricated metal products.....	73,085	32,585	50,594	20,050	15,600	8,653	6,891	3,882
3429	Hardware, n.e.c.....	2,610	1,318	861	388	1,580	840	169	90
3432	Plumbing fittings, brass goods.....	4,489	2,129	(D)	(D)	(D)	(D)	2,686	1,288
3433	Heating equipment, except electric.....	1,535	1,089	(D)	(D)	(D)	(D)	(D)	(D)
3442	Metal doors, sash, and trim.....	235	157	-	-	235	157	-	-
3443	Boiler shop products.....	270	242	(D)	(D)	(D)	(D)	228	165
3451	Screw machine products.....	13,704	5,082	13,531	5,002	(D)	(D)	(D)	(D)
3452	Bolts, nuts, rivets, and washers.....	11,342	5,956	10,299	5,381	1,043	575	-	-
3461	Metal stampings.....	7,975	4,331	69	51	7,741	4,231	165	49
3481	Fabricated wire products, n.e.c.....	529	591	311	323	(D)	(D)	(D)	(D)
3494	Valves and pipe fittings.....	28,511	10,286	23,762	7,972	(D)	(D)	(D)	(D)
3499	Fabricated metal products, n.e.c.....	324	199	(D)	(D)	210	109	(D)	(D)
35	Machinery, except electrical.....	30,555	14,356	4,323	2,127	9,908	5,019	16,324	7,210
3522	Farm machinery and equipment.....	5,276	1,377	(D)	(D)	(D)	(D)	(D)	(D)
3531	Construction machinery.....	7,542	3,694	(D)	(D)	(D)	(D)	183	145
3542	Metal-forming machine tools.....	79	105	(D)	(D)	32	44	(D)	(D)
3544	Special dies and tools.....	86	153	(D)	(D)	78	146	(D)	(D)
3551	Food products machinery.....	502	108	230	44	(D)	(D)	(D)	(D)
3561	Pumps and compressors.....	2,602	1,429	394	215	(D)	(D)	(D)	(D)
3566	Power transmission equipment.....	80	90	51	51	(D)	(D)	(D)	(D)
3582	Commercial laundry equipment.....	79	73	(D)	(D)	(D)	(D)	(D)	(D)
3585	Refrigeration machinery.....	7,947	3,658	(D)	(D)	(D)	(D)	7,784	3,555
3589	Service industry machines, n.e.c.....	427	407	(D)	(D)	57	45	(D)	(D)
3599	Miscellaneous machinery.....	502	246	377	159	(D)	(D)	(D)	(D)
36	Electrical machinery.....	25,677	16,274	9,710	5,495	12,730	8,515	3,237	2,264
3613	Switchgear and switchboards.....	3,494	2,018	2,734	1,445	(D)	(D)	(D)	(D)
3621	Motors and generators.....	267	169	(D)	(D)	(D)	(D)	(D)	(D)
3622	Industrial controls.....	516	459	(D)	(D)	(D)	(D)	(D)	(D)
3623	Electric welding apparatus.....	385	337	179	139	(D)	(D)	(D)	(D)
3631	Household cooking equipment.....	274	237	(D)	(D)	(D)	(D)	(D)	(D)
3639	Household appliances, n.e.c.....	1,596	851	(D)	(D)	(D)	(D)	(D)	(D)
3642	Lighting fixtures.....	634	374	(D)	(D)	377	240	(D)	(D)
3643	Current carrying devices.....	3,413	2,118	(D)	(D)	(D)	(D)	-	-
3644	Noncurrent carrying devices.....	1,598	923	468	351	(D)	(D)	(D)	(D)
3661	Telephone; telegraph apparatus.....	6,712	4,702	3,152	1,885	2,571	2,081	989	736
3679	Electronic components, n.e.c.....	5,514	3,003	1,283	525	4,107	2,337	124	141

See footnotes at end of table.

TABLE 8. Consumption of Brass Mill Shapes and Forms by Metal Fabricating Establishments, and Selected Industry Groups and Industries, Within States: 1963--Continued

Code	Division, State, industry groups, and industries ¹	Total ²		Rod, bar, and mechanical wire (335120)		Plate, sheet, and strip (335003, 335100, 335109, and 335123)		Pipe and tube (335127)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
	EAST NORTH CENTRAL--Continued								
	Illinois--Continued								
37	Transportation equipment.....	8,525	4,682	(D)	(D)	(D)	(D)	369	244
3717	Motor vehicles and equipment.....	3,022	1,626	(D)	(D)	1,802	1,158	(D)	(D)
38	Instruments and related products.....	10,970	5,776	(D)	(D)	(D)	(D)	1,034	850
3821	Mechanical measuring devices.....	5,464	2,901	2,852	1,385	(D)	(D)	(D)	(D)
3822	Automatic temperature controls.....	5,237	2,750	(D)	(D)	(D)	(D)	(D)	(D)
39	Miscellaneous manufacturing.....	1,162	729	(D)	(D)	(D)	(D)	-	-
3999	Miscellaneous products, n.e.c.....	852	500	(D)	(D)	(D)	(D)	-	-
	Michigan.....	156,594	75,343	100,310	41,913	27,189	17,328	29,095	16,102
34	Fabricated metal products.....	99,632	39,891	79,677	28,805	3,784	1,968	16,171	9,118
3423	Hand and edge tools.....	165	82	(D)	(D)	(D)	(D)	-	-
3429	Hardware, n.e.c.....	4,269	1,518	(D)	(D)	1,479	614	(D)	(D)
3432	Plumbing fittings, brass goods.....	17,024	8,078	15,891	7,581	(D)	(D)	(D)	(D)
3451	Screw machine products.....	6,814	3,159	(D)	(D)	-	-	(D)	(D)
3461	Metal stampings.....	4,258	2,826	1,329	211	1,447	973	1,482	1,642
3481	Fabricated wire products, n.e.c.....	232	230	(D)	(D)	(D)	(D)	-	-
3498	Fabricated pipe and fittings.....	1,339	1,039	(D)	(D)	-	-	(D)	(D)
3499	Fabricated metal products, n.e.c.....	522	377	(D)	(D)	(D)	(D)	346	268
35	Machinery, except electrical.....	7,860	5,466	2,030	1,650	635	484	5,195	3,332
3541	Metal-cutting machine tools.....	90	96	(D)	(D)	-	-	(D)	(D)
3544	Special dies and tools.....	743	862	600	718	(D)	(D)	(D)	(D)
3545	Machine tool accessories.....	78	88	78	88	-	-	-	-
3548	Metalworking machinery, n.e.c.....	99	104	(D)	(D)	(D)	(D)	(D)	(D)
3559	Special industry machines, n.e.c.....	141	76	(D)	(D)	-	-	(D)	(D)
3561	Pumps and compressors.....	259	178	189	124	-	-	70	54
3585	Refrigeration machinery.....	1,752	1,276	(D)	(D)	(D)	(D)	1,397	1,124
3599	Miscellaneous machinery.....	1,754	862	(D)	(D)	(D)	(D)	1,502	711
36	Electrical machinery.....	10,907	10,622	(D)	(D)	(D)	(D)	(D)	(D)
3613	Switchgear and switchboards.....	2,692	1,303	(D)	(D)	(D)	(D)	-	-
3621	Motors and generators.....	1,003	623	(D)	(D)	(D)	(D)	-	-
3623	Electric welding apparatus.....	1,301	917	1,163	848	(D)	(D)	(D)	(D)
37	Transportation equipment.....	33,563	17,401	8,340	6,384	18,312	8,126	6,911	2,891
3717	Motor vehicles and parts.....	32,297	13,734	7,644	3,034	18,282	8,110	6,371	2,590
3791	Trailer coaches.....	499	234	(D)	(D)	-	-	(D)	(D)
38	Instruments and related products.....	4,078	1,376	(D)	(D)	(D)	(D)	(D)	(D)
3811	Scientific instruments.....	54	54	(D)	(D)	-	-	(D)	(D)
	Wisconsin.....	55,976	33,195	18,367	10,784	19,887	11,671	17,722	10,740
34	Fabricated metal products.....	18,776	8,653	9,747	3,866	4,154	2,074	4,875	2,713
3429	Hardware, n.e.c.....	5,513	2,171	(D)	(D)	(D)	(D)	-	-
3451	Screw machine products.....	1,273	487	(D)	(D)	-	-	(D)	(D)
3461	Metal stampings.....	861	513	-	-	861	513	-	-
35	Machinery, except electrical.....	18,850	14,668	3,179	4,006	6,026	4,553	9,645	6,109
3522	Farm machinery and equipment.....	296	136	(D)	(D)	(D)	(D)	160	35
3531	Construction machinery.....	105	66	(D)	(D)	(D)	(D)	(D)	(D)
3541	Metal-cutting machine tools.....	113	125	47	68	(D)	(D)	(D)	(D)
3599	Miscellaneous machinery.....	210	146	(D)	(D)	-	-	(D)	(D)
36	Electrical machinery.....	10,274	5,959	4,475	2,499	4,370	2,379	1,429	1,081
3613	Switchgear and switchboards.....	1,317	808	(D)	(D)	(D)	(D)	-	-
3622	Industrial controls.....	4,928	2,756	(D)	(D)	2,691	1,579	(D)	(D)
37	Transportation equipment.....	871	608	(D)	(D)	(D)	(D)	(D)	(D)
	WEST NORTH CENTRAL.....	87,493	43,267	25,996	11,691	43,022	21,347	18,475	10,229
	Minnesota.....	12,383	6,395	4,892	2,288	3,237	1,483	4,254	2,624
34	Fabricated metal products.....	3,356	1,161	(D)	(D)	2,117	712	(D)	(D)
3451	Screw machine products.....	625	228	625	228	-	-	(D)	(D)
3461	Metal stampings.....	529	384	-	-	(D)	(D)	-	-
35	Machinery, except electrical.....	5,755	3,301	1,973	1,003	225	160	1,557	2,138
3585	Refrigeration machinery.....	2,772	1,789	(D)	(D)	(D)	(D)	2,590	1,687
3599	Miscellaneous machinery.....	257	110	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 8. Consumption of Brass Mill Shapes and Forms by Metal Fabricating Establishments, and Selected Industry Groups and Industries, Within States: 1963--Continued

Code	Division, State, industry groups, and industries ¹	Total ²		Rod, bar, and mechanical wire (335120)		Plate, sheet, and strip (335003, 335100, 335109, and 335123)		Pipe and tube (335127)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
	WEST NORTH CENTRAL--Continued								
	Iowa.....	14,027	7,039	4,726	2,111	1,654	1,200	7,647	3,728
34	Fabricated metal products.....	5,654	2,250	2,653	1,083	273	197	2,728	970
3432	Plumbing fittings, brass goods.....	1,868	905	(D)	(D)	-	-	(D)	(D)
35	Machinery, except electrical.....	3,882	1,939	(D)	(D)	(D)	(D)	3,716	1,832
36	Electrical machinery.....	2,979	1,967	(D)	(D)	(D)	(D)	(D)	(D)
	Missouri.....	50,717	25,571	15,287	6,837	(D)	(D)	(D)	(D)
34	Fabricated metal products.....	4,014	2,204	2,876	1,391	666	391	472	422
3451	Screw machine products.....	1,494	579	1,494	579	-	-	-	-
3461	Metal stampings.....	130	81	-	-	130	81	-	-
36	Electrical machinery.....	9,806	5,148	5,880	2,946	3,774	2,010	152	192
3621	Motors and generators.....	537	309	396	228	(D)	(D)	(D)	(D)
	North Dakota.....	-	-	-	-	-	-	-	-
	South Dakota.....	465	74	(D)	(D)	-	-	(D)	(D)
	Nebraska.....	(D)	(D)	(D)	(D)	(D)	(D)	556	161
	Kansas.....	(D)	(D)	1,026	432	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	833	357	(D)	(D)	-	-	(D)	(D)
3522	Farm machinery and equipment.....	578	240	-	-	-	-	578	240
	SOUTH ATLANTIC.....	71,945	39,071	25,061	11,232	31,269	18,177	15,615	9,662
	Delaware.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Maryland.....	(D)	(D)	2,735	1,192	(D)	(D)	1,413	1,032
34	Fabricated metal products.....	893	422	(D)	(D)	(D)	(D)	215	110
35	Machinery, except electrical.....	479	342	(D)	(D)	(D)	(D)	430	296
37	Transportation equipment.....	925	690	(D)	(D)	(D)	(D)	665	511
	District of Columbia.....	51	38	(D)	(D)	(D)	(D)	(D)	(D)
	Virginia.....	6,044	4,618	(D)	(D)	(D)	(D)	3,584	2,782
34	Fabricated metal products.....	1,346	759	-	-	(D)	(D)	(D)	(D)
36	Electrical machinery.....	769	537	265	211	(D)	(D)	(D)	(D)
	West Virginia.....	(D)	(D)	914	360	153	84	(D)	(D)
	North Carolina.....	18,122	9,167	10,619	4,046	4,676	3,263	2,827	1,858
34	Fabricated metal products.....	3,175	1,488	(D)	(D)	243	182	(D)	(D)
36	Electrical machinery.....	10,748	4,610	(D)	(D)	2,059	1,302	(D)	(D)
	South Carolina.....	1,263	578	(D)	(D)	429	132	(D)	(D)
	Georgia.....	15,785	7,202	(D)	(D)	6,281	3,185	(D)	(D)
35	Machinery, except electrical.....	1,204	768	81	61	(D)	(D)	(D)	(D)
36	Electrical machinery.....	6,900	2,676	(D)	(D)	(D)	(D)	(D)	(D)
37	Transportation equipment.....	1,732	744	(D)	(D)	(D)	(D)	(D)	(D)
3791	Trailer coaches.....	295	109	-	-	-	-	295	109
	Florida.....	3,553	1,933	2,558	1,255	373	266	622	412
34	Fabricated metal products.....	2,103	986	1,844	829	(D)	(D)	(D)	(D)
36	Electrical machinery.....	575	426	(D)	(D)	(D)	(D)	50	71
	EAST SOUTH CENTRAL.....	43,708	26,028	14,622	8,266	16,078	8,337	13,008	9,425
	Kentucky.....	22,316	11,796	7,272	3,707	8,989	4,046	6,055	4,043
34	Fabricated metal products.....	4,033	1,860	(D)	(D)	504	257	(D)	(D)
36	Electrical machinery.....	5,284	3,437	4,264	2,628	(D)	(D)	(D)	(D)
	Tennessee.....	11,581	6,600	4,255	1,933	5,354	3,223	1,972	1,444
34	Fabricated metal products.....	6,459	3,472	2,600	1,203	3,615	2,176	244	93
35	Machinery, except electrical.....	1,059	670	138	56	(D)	(D)	(D)	(D)
36	Electrical machinery.....	572	341	209	122	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 8. Consumption of Brass Mill Shapes and Forms by Metal Fabricating Establishments, and Selected Industry Groups and Industries, Within States: 1963--Continued

Code	Division, State, industry groups, and industries ¹	Total ²		Rod, bar, and mechanical wire (335120)		Plate, sheet, and strip (335003, 335100, 335109, and 335123)		Pipe and tube (335127)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
	EAST SOUTH CENTRAL--Continued								
	Alabama.....	4,767	3,968	(D)	(D)	(D)	(D)	(D)	(D)
34	Fabricated metal products.....	2,943	2,292	(D)	(D)	(D)	(D)	(D)	(D)
	Mississippi.....	5,044	3,664	(D)	(D)	(D)	(D)	(D)	(D)
37	Transportation equipment.....	1,125	644	(D)	(D)	(D)	(D)	352	267
	WEST SOUTH CENTRAL.....	36,857	21,028	7,480	3,303	12,798	6,292	16,579	11,433
	Arkansas.....	2,086	1,016	531	220	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	1,024	383	(D)	(D)	-	-	(D)	(D)
36	Electrical machinery.....	700	479	134	75	(D)	(D)	(D)	(D)
	Louisiana.....	730	494	68	75	(D)	(D)	(D)	(D)
	Oklahoma.....	5,800	3,535	612	348	899	733	4,289	2,454
34	Fabricated metal products.....	3,459	2,036	323	143	752	608	2,384	1,285
3443	Boiler shop products.....	2,945	1,658	(D)	(D)	367	313	(D)	(D)
35	Machinery, except electrical.....	1,628	1,161	112	83	72	72	1,444	1,006
3585	Refrigeration machinery.....	1,026	709	-	-	(D)	(D)	(D)	(D)
	Texas.....	28,241	15,983	6,269	2,660	11,676	5,378	10,296	7,945
34	Fabricated metal products.....	6,255	2,612	3,907	1,292	370	236	1,978	1,084
3429	Hardware, n.e.c.....	163	83	(D)	(D)	(D)	(D)	-	-
3443	Boiler shop products.....	877	629	-	-	(D)	(D)	(D)	(D)
3444	Sheet metal work.....	109	71	-	-	109	71	-	-
3451	Screw machine products.....	154	65	(D)	(D)	-	-	(D)	(D)
3494	Valves and pipe fittings.....	541	259	383	185	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	7,277	4,745	(D)	(D)	(D)	(D)	(D)	(D)
3522	Farm machinery and equipment.....	306	73	(D)	(D)	-	-	(D)	(D)
3533	Oil field machinery.....	832	469	(D)	(D)	(D)	(D)	679	310
3561	Pumps and compressors.....	209	144	65	43	-	-	144	101
3585	Refrigeration machinery.....	5,246	3,530	-	-	206	135	5,040	3,395
3599	Miscellaneous machinery.....	122	66	(D)	(D)	(D)	(D)	(D)	(D)
36	Electrical machinery.....	2,519	2,948	(D)	(D)	247	120	(D)	(D)
3613	Switchgear and switchboards.....	1,335	665	1,335	665	-	-	-	-
3622	Industrial controls.....	238	70	(D)	(D)	-	-	(D)	(D)
	MOUNTAIN.....	5,048	2,848	2,376	1,277	1,153	710	1,519	861
	Montana.....	-	-	-	-	-	-	-	-
	Idaho.....	185	118	(D)	(D)	(D)	(D)	(D)	(D)
	Wyoming.....	480	141	(D)	(D)	(D)	(D)	-	-
	Colorado.....	2,741	1,287	1,950	869	153	101	638	317
34	Fabricated metal products.....	2,388	1,079	1,720	727	(D)	(D)	(D)	(D)
3494	Valves and pipe fittings.....	1,505	668	(D)	(D)	(D)	(D)	(D)	(D)
	New Mexico.....	26	30	(D)	(D)	(D)	(D)	(D)	(D)
	Arizona.....	461	338	(D)	(D)	12	9	(D)	(D)
	Utah.....	1,155	934	(D)	(D)	(D)	(D)	585	440
	Nevada.....	-	-	-	-	-	-	-	-
	PACIFIC.....	95,865	51,013	36,949	17,992	39,418	20,688	19,498	12,333
	Washington.....	3,831	2,772	630	465	1,908	1,072	1,293	1,235
	Oregon.....	1,084	662	582	328	(D)	(D)	(D)	(D)
	California.....	90,922	47,557	35,737	17,199	37,425	19,562	17,760	10,796
19	Ordnance and accessories.....	5,862	2,629	(D)	(D)	5,227	2,245	(D)	(D)
34	Fabricated metal products.....	49,134	23,223	22,470	9,382	18,458	9,291	8,206	4,590
3429	Hardware, n.e.c.....	20,657	9,385	(D)	(D)	14,754	6,479	(D)	(D)
3432	Plumbing fittings, brass goods.....	12,067	5,470	8,107	3,259	1,520	673	2,000	1,000
3433	Heating equipment, except electric.....	656	647	(D)	(D)	-	-	-	(D)

See footnotes at end of table.

TABLE 8. Consumption of Brass Mill Shapes and Forms by Metal Fabricating Establishments, and Selected Industry Groups and Industries, Within States: 1963--Continued

Code	Division, State, industry groups, and industries ¹	Total ²		Rod, bar, and mechanical wire (335120)		Plate, sheet, and strip (335003, 335100, 335109, and 335123)		Pipe and tube (335127)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
	PACIFIC--Continued								
	California--Continued								
34	Fabricated metal products--Continued								
3443	Boiler shop products.....	2,918	2,161	(D)	(D)	1,437	1,410	(D)	(D)
3444	Sheet metal work.....	1,760	743	(D)	(D)	141	71	(D)	(D)
3451	Screw machine products.....	5,692	1,854	(D)	(D)	-	-	(D)	(D)
3452	Bolts, nuts, rivets, and washers.....	640	410	640	410	-	-	-	-
3461	Metal stampings.....	366	230	-	-	(D)	(D)	(D)	(D)
3481	Fabricated wire products, n.e.c.....	813	573	(D)	(D)	(D)	(D)	606	408
3494	Valves and pipe and fittings.....	882	393	756	283	-	-	126	110
3498	Fabricated pipe and fittings.....	1,706	830	(D)	(D)	(D)	(D)	1,333	628
3499	Fabricated metal products, n.e.c.....	556	252	(D)	(D)	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	9,534	5,271	2,702	1,518	1,018	543	5,814	3,210
3522	Farm machinery and equipment.....	539	105	(D)	(D)	(D)	(D)	434	67
3548	Metalworking machinery, n.e.c.....	1,197	587	(D)	(D)	-	-	(D)	(D)
3561	Pumps and compressors.....	949	565	455	273	(D)	(D)	(D)	(D)
3564	Blowers and fans.....	220	115	(D)	(D)	(D)	(D)	(D)	(D)
3566	Power transmission equipment.....	43	59	(D)	(D)	-	-	(D)	(D)
3569	General industry machines, n.e.c.....	521	136	(D)	(D)	(D)	(D)	366	66
3585	Refrigeration machinery.....	2,232	1,420	(D)	(D)	(D)	(D)	1,898	1,230
3589	Service industry machines, n.e.c.....	340	144	(D)	(D)	(D)	(D)	272	93
3599	Miscellaneous machinery.....	1,382	744	550	357	338	124	494	263
36	Electrical machinery.....	12,419	8,416	5,220	3,723	5,794	3,432	1,405	1,261
3613	Switchgear and switchboards.....	2,126	1,459	2,000	1,334	(D)	(D)	(D)	(D)
3623	Electric welding apparatus.....	162	152	116	112	(D)	(D)	(D)	(D)
3642	Lighting fixtures.....	721	561	(D)	(D)	(D)	(D)	256	199
3643	Current carrying devices.....	432	246	(D)	(D)	(D)	(D)	-	-
3662	Radio, TV communications equipment.....	785	840	236	223	509	580	40	37
3673	Electron tubes, transmitting.....	862	936	305	433	460	397	97	106
3679	Electronic components, n.e.c.....	4,250	2,390	(D)	(D)	2,404	1,386	(D)	(D)
37	Transportation equipment.....	11,528	6,063	3,500	1,467	6,045	3,166	1,983	1,430
3717	Motor vehicles and parts.....	5,848	3,138	296	120	5,243	2,807	309	211
3721	Aircraft.....	1,470	696	(D)	(D)	(D)	(D)	(D)	(D)
3722	Aircraft engines and parts.....	91	80	(D)	(D)	(D)	(D)	(D)	(D)
3729	Aircraft equipment, n.e.c.....	2,658	1,115	2,578	1,029	(D)	(D)	(D)	(D)
3731	Ship building and repairing.....	914	666	(D)	(D)	(D)	(D)	879	596
3791	Trailer coaches.....	308	131	-	-	-	-	308	131
38	Instruments and related products.....	2,143	1,658	(D)	(D)	581	606	(D)	(D)
3822	Automatic temperature controls.....	1,697	1,387	1,136	686	(D)	(D)	(D)	(D)
	Alaska.....	(D)	(D)	-	-	(D)	(D)	-	-
	Hawaii.....	(D)	(D)	-	-	(D)	(D)	(D)	(D)

- Represents zero. (D) Withheld to avoid disclosing the operations of individual companies.

¹Data are published for selected industries only in the following major groups:

19 Ordnance and accessories	34 Fabricated metal products	36 Electrical machinery	38 Instruments and related products
33 Primary metal industries	35 Machinery, except electrical	37 Transportation equipment	39 Miscellaneous manufacturing

No data are available for industries in other major groups. Within each state an entry is shown for each major group listed above for which consumption data met publication standards. In addition, consumption of brass mill shapes was reported in selected major groups within States which was not publishable, either (a) because the total cost amounted to less than \$250 thousand; or (b) because the total could not be shown without approximately disclosing the operations of individual companies. The major groups within States with such nonpublishable consumption totals are as follows:

State	Major Groups	State	Major Groups
Maine	34, 35, 36, and 37	Pennsylvania	19 and 39
New Hampshire	33 and 35	Ohio	19, 33, and 39
Vermont	34, 35, 36, 37, and 38	Indiana	38 and 39
Massachusetts	19, 33, and 37	Illinois	19 and 33
Rhode Island	33 and 35	Michigan	19, 33, and 39
Connecticut	19 and 38	Wisconsin	19, 33, 38, and 39
New York	19 and 33	Minnesota	19, 36, 38, and 39
New Jersey	33 and 38	Iowa	19, 37, and 38

Footnotes continued on next page.

TABLE 8. Consumption of Brass Mill Shapes and Forms by Metal Fabricating Establishments, and Selected Industry Groups and Industries, Within States: 1963--Continued

Footnotes for Table 8--Continued

State	Major Groups	State	Major Groups
Missouri	19, 35, 37, 38, and 39	Mississippi	34, 35, and 37
South Dakota	34, 35, and 37	Arkansas	34 and 37
Nebraska	34, 35, 36, and 37	Louisiana	34, 35, 36, and 37
Kansas	34, 36, and 37	Oklahoma	36, 37, 38, and 39
Delaware	33, 34, 35, and 37	Texas	33, 37, 38, and 39
Maryland	19, 33, 36, and 38	Idaho	19, 34, 35, 36, 37, and 39
District of Columbia	34 and 35	Wyoming	34 and 35
Virginia	35 and 37	Colorado	35, 36, 37, 38, and 39
West Virginia	34, 35, and 36	New Mexico	34, 35, and 36
North Carolina	33, 35, 37, and 39	Arizona	35, 36, and 37
South Carolina	34, 35, 36, 37, and 39	Utah	34 and 35
Georgia	34, 38, and 39	Washington	34, 35, 37, and 39
Florida	37 and 39	Oregon	34, 35, 36, 37, 38, and 39
Kentucky	35, 37, 38, and 39	California	33 and 39
Tennessee	19, 37, 38, and 39	Alaska	34
Alabama	35, 36, and 37	Hawaii	34 and 35

²The data shown in this table represent purchases by metal fabricating plants from other establishments, including interplant transfers between establishments operated by the same company. Statistics on the quantities of brass mill shapes consumed in brass mills in the production of fabricated products are excluded. Data include plate, sheet, tubing, bar, mechanical wire, etc., but exclude bare wire for electrical conduction and insulated wire and cable.

TABLE 9. Consumption of Brass Mill Shapes and Forms by Metal Fabricating by States and State

(See appendix for an explanation)

	Division, State, and State economic area ¹	Brass mill shapes and forms ²							
		Total		Rod, bar, and mechanical wire (335102)		Plate, sheet, and strip (335003, 335100, 335109, and 335123)		Pipe and tube (335127)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
1	UNITED STATES, TOTAL.....	1,699,206	865,710	683,837	310,991	678,727	352,873	336,702	201,846
2	NEW ENGLAND.....	217,197	121,936	66,382	32,113	124,010	72,304	26,805	17,519
3	Maine.....	1,690	1,053	165	123	(D)	(D)	(D)	(D)
4	A (Includes Portland) ⁴	1,649	1,024	165	123	(D)	(D)	(D)	(D)
5	4.....								
6	2.....	41	29	-	-	(D)	(D)	(D)	(D)
7	3.....								
8	New Hampshire.....	6,160	2,910	2,981	1,270	2,459	1,293	720	347
9	A (Includes Manchester) ⁴	978	480	597	297	(D)	(D)	(D)	(D)
10	1.....	5,182	2,430	2,384	973	(D)	(D)	(D)	(D)
11	2.....								
12	Vermont.....	588	526	267	208	(D)	(D)	(D)	(D)
13	1.....	588	526	267	208	(D)	(D)	(D)	(D)
14	2.....								
15	Massachusetts.....	53,083	32,454	19,487	9,708	26,925	18,451	6,671	4,295
16	A (Includes Springfield and Holyoke) ⁴	3,997	2,364	2,138	1,346	765	409	1,094	609
17	1.....								
18	B (Includes Fitchburg, Leominster, and Worcester) ⁴	7,348	6,619	5,069	2,370	1,179	3,702	1,100	547
19	C (Includes Boston, Haverhill, Lawrence, and Lowell) ⁴	34,454	19,006	9,631	4,796	20,509	11,181	4,314	3,029
20	D (Includes Brockton) ⁴	1,602	613	(D)	(D)	860	306	(D)	(D)
21	2.....	5,682	3,852	(D)	(D)	3,612	2,853	(D)	(D)
22	E (Includes Fall River and New Bedford) ⁴								
23	Rhode Island.....	17,169	9,930	4,031	2,366	11,555	6,655	1,583	909
24	A (Includes Providence) ⁴	17,169	9,930	4,031	2,366	11,555	6,655	1,583	909
25	1.....								
26	Connecticut.....	138,507	75,063	39,451	18,438	82,494	45,502	16,562	11,123
27	A (Includes Bridgeport and Stamford) ⁴	32,217	14,036	3,907	2,475	26,961	10,668	1,349	893
28	B (Includes New Haven and Waterbury) ⁴	72,373	40,443	24,445	10,389	42,270	26,464	5,658	3,590
29	C (Includes Hartford and New Britain) ⁴	23,141	13,330	7,199	3,462	8,511	4,806	7,431	5,062
30	1.....	6,588	4,405	3,671	1,974	2,911	2,424	(D)	(D)
31	2.....	4,188	2,849	229	138	1,841	1,140	(D)	(D)
32	MIDDLE ATLANTIC.....	490,119	239,179	175,029	83,212	231,523	102,800	83,567	48,167
33	New York.....	322,509	139,452	104,638	41,631	181,222	73,588	36,649	24,233
34	A (Buffalo SMSA).....	142,101	52,892	(D)	(D)	(D)	(D)	5,050	3,435
35	B (Rochester SMSA).....	13,162	6,162	6,202	2,577	3,959	1,902	3,001	1,683
36	C (Syracuse SMSA).....								
37	E (Binghamton SMSA).....	25,539	15,245	5,381	2,112	(D)	(D)	(D)	(D)
38	6.....								
39	D (Utica-Rome SMSA).....	5,314	2,478	(D)	(D)	2,367	1,332	(D)	(D)
40	F (Albany-Schenectady-Troy SMSA).....								
41	7.....	40,508	16,075	(D)	(D)	(D)	(D)	2,005	1,009
42	8.....								
43	9.....								
44	G (New York-SMSA).....	80,774	39,311	24,337	10,953	43,993	20,701	12,444	7,657
45	G1 (Bronx).....	5,087	2,344	2,713	871	1,322	577	1,052	896
46	G2 (Kings).....								
47	G6 (Richmond).....	36,351	17,259	11,990	5,080	17,130	8,377	7,231	3,802
48	G3 (Nassau).....	5,531	2,772	2,107	1,129	3,021	1,399	403	244
49	G4 (New York).....	6,759	2,950	(D)	(D)	5,479	2,167	(D)	(D)
50	G5 (Queens).....	14,940	7,951	2,677	1,223	9,259	4,717	3,004	2,011
51	G7 (Rockland).....								
52	G9 (Westchester).....	11,462	5,645	3,771	2,148	7,620	3,413	71	84
53	G8 (Suffolk).....	644	390	(D)	(D)	162	51	(D)	(D)

See footnotes at end of table.

Establishments and Number of Establishments Consuming Brass,
Economic Areas: 1963

of State economic areas)

Number of establishments consuming brass mill shapes and forms												
Total			Rod, bar, and mechanical wire (335102)			Plate, sheet, and strip (335003, 335100, 335109, and 335123)			Pipe and tube (335127)			
Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000	
5,764	1,777	639	3,026	789	245	2,396	705	235	2,045	526	165	1
703	264	108	379	121	34	376	145	56	183	48	20	2
8	3	2	4	1	-	4	1	-	5	2	2	3
3	2	1	2	1	-	2	1	-	2	1	1	4
2	1	1	2	-	-	1	-	-	1	1	1	5
2	-	-	-	-	-	1	-	-	2	-	-	6
1	-	-	-	-	-	-	-	-	-	-	-	7
30	9	3	17	6	2	10	5	2	9	2	-	8
12	2	-	7	2	-	3	1	-	3	-	-	9
7	2	1	2	-	-	4	1	1	1	1	-	10
11	5	2	8	4	2	3	3	1	5	1	-	11
12	3	-	7	1	-	4	1	-	3	-	-	12
4	2	-	1	1	-	2	1	-	2	-	-	13
8	1	-	6	-	-	2	-	-	1	-	-	14
298	85	31	156	41	9	141	43	13	88	18	5	15
19	4	1	11	2	1	5	-	-	6	2	-	16
8	3	2	5	2	1	6	1	-	2	2	-	17
46	11	4	22	4	2	21	5	1	12	2	1	18
179	51	18	98	28	4	84	25	8	60	11	4	19
12	3	-	8	2	-	5	2	-	3	-	-	20
1	-	-	1	-	-	-	-	-	-	-	-	21
33	13	6	11	3	1	20	10	4	5	1	-	22
58	27	11	26	11	3	31	14	7	10	3	2	23
57	26	10	26	11	3	30	13	6	10	3	2	24
1	1	1	-	-	-	1	1	1	-	-	-	25
297	137	61	169	61	20	165	81	33	68	23	11	26
68	31	14	34	14	2	42	21	10	11	3	1	27
107	58	25	56	24	13	66	37	12	24	8	4	28
74	25	13	48	12	3	31	12	7	24	9	4	29
28	15	5	18	11	2	17	6	2	2	-	-	30
20	8	4	13	-	-	9	5	2	7	3	2	31
1,386	440	162	684	180	54	655	192	64	460	126	44	32
630	196	76	304	71	24	314	88	33	183	54	23	33
45	17	7	26	7	2	18	4	2	22	10	5	34
49	20	7	29	10	2	26	11	3	13	5	1	35
21	5	3	12	2	1	9	2	1	8	2	2	36
7	3	1	6	2	1	2	2	1	1	-	-	37
3	3	1	3	1	1	1	1	-	-	-	-	38
20	5	2	7	2	1	15	3	2	2	2	-	39
13	5	4	9	3	3	9	1	1	4	1	-	40
3	2	-	1	1	-	-	-	-	2	1	-	41
5	-	-	3	-	-	2	-	-	1	-	-	42
25	9	2	11	1	1	14	4	-	9	4	1	43
32	12	2	12	3	1	12	5	-	12	4	1	44
120	37	17	54	13	3	59	15	8	35	11	2	45
2	1	-	2	1	-	1	-	-	-	-	-	46
54	13	4	25	4	2	24	7	2	13	2	-	47
62	13	2	20	3	-	38	8	2	14	2	-	48
85	25	12	39	5	2	46	15	2	22	-	-	49
1	-	-	1	-	-	1	-	-	-	-	-	50
31	12	7	16	7	4	13	5	2	6	-	-	51
16	1	1	10	-	-	4	-	-	-	1	1	52

TABLE 9. Consumption of Brass Mill Shapes and Forms by Metal Fabricating by States and State

(See appendix for an explanation)

Division, State, and State economic area ¹		Brass mill shapes and forms ²							
		Total		Rod, bar, and mechanical wire (335102)		Plate, sheet, and strip (335003, 335100, 335109, and 335123)		Pipe and tube (335127)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
MIDDLE ATLANTIC--Continued									
New York--Continued									
1	2.....	837	516	(D)	(D)	(D)	(D)	543	346
2	3.....	13,811	6,610	(D)	(D)	(D)	(D)	426	508
3	4.....	463	163	(D)	(D)	(D)	(D)	(D)	(D)
4	New Jersey.....	53,538	32,598	16,925	10,617	24,538	14,111	12,075	7,870
5	A (Allentown-Bethlehem-Easton SMSA New Jersey portion) (See Pennsylvania).....	341	212	(D)	(D)	(D)	(D)	(D)	(D)
6	E (Atlantic City SMSA).....								
7	2.....								
8	B (Newark SMSA).....								
9	C (Trenton SMSA).....	5,181	2,630	(D)	(D)	(D)	(D)	(D)	(D)
10	D (Philadelphia SMSA-New Jersey portion) (See Pennsylvania).....	3,296	2,185	543	315	565	542	2,188	1,328
11	G (Paterson-Clifton-Passaic SMSA).....	9,354	4,501	3,398	1,594	5,415	2,590	541	317
12	H (Jersey City SMSA).....	7,081	3,994	2,742	1,579	3,781	2,179	558	236
13	1.....	2,913	2,236	699	508	2,099	1,640	115	88
14	Pennsylvania.....	114,072	62,129	53,466	30,964	25,763	15,101	34,843	16,064
15	A (Erie SMSA).....	8,472	5,813	(D)	(D)	(D)	(D)	330	252
16	C (Scranton SMSA).....	2,232	1,342	(D)	(D)	277	212	(D)	(D)
17	D (Pittsburgh SMSA).....	31,464	16,996	23,269	12,529	4,354	2,343	3,841	2,124
18	E (Johnstown SMSA).....	135	64	(D)	(D)	(D)	(D)	(D)	(D)
19	5.....								
20	F (Altoona SMSA).....								
21	G (Wilkes-Barre-Hazleton SMSA).....								
22	2.....	358	198	153	73	94	76	111	49
23	H (Harrisburg SMSA).....	5,910	3,088	(D)	(D)	(D)	(D)	(D)	(D)
24	7.....								
25	J (York SMSA).....								
26	K (Lancaster SMSA).....								
27	L (Reading SMSA).....	1,507	946	237	161	(D)	(D)	(D)	(D)
28	M (Allentown-Bethlehem-Easton SMSA-Pennsylvania portion) (See New Jersey).....	5,472	2,902	4,171	1,982	(D)	(D)	(D)	(D)
29	N (Philadelphia SMSA-Pennsylvania portion) (See New Jersey).....								
30	1.....								
31	3.....								
32	4.....	997	502	(D)	(D)	443	257	(D)	(D)
33	6.....	2,007	1,094	(D)	(D)	480	285	(D)	(D)
34	EAST NORTH CENTRAL.....	651,034	326,340	329,942	141,905	179,456	102,218	141,636	82,217
35	Ohio.....	148,249	77,203	69,491	30,839	46,640	25,779	32,118	20,585
36	A (Toledo SMSA-Ohio portion) (See Michigan)...	13,259	7,731	3,030	1,325	8,866	5,764	1,363	642
37	1.....								
38	B (Columbus SMSA).....								
39	C (Dayton SMSA).....								
40	D (Hamilton-Middletown SMSA).....	309	210	(D)	(D)	-	-	(D)	(D)
41	E (Cleveland SMSA).....	47,811	24,223	29,993	13,660	13,011	7,207	4,807	3,356
42	F (Akron SMSA).....	1,558	676	(D)	(D)	(D)	(D)	602	113
43	G (Canton SMSA).....	903	396	432	200	(D)	(D)	(D)	(D)
44	H (Youngstown SMSA).....	6,826	3,764	533	409	(D)	(D)	(D)	(D)
45	J (Steubenville-Weirton SMSA-Ohio portion) (See West Virginia).....	24,582	10,935	14,082	5,620	5,314	2,789	5,186	2,526
46	K (Cincinnati SMSA-Ohio portion) (See Kentucky).....								
47	M (Lorain SMSA).....								
48	N (Springfield SMSA).....								
49	P (Wheeling SMSA-Ohio portion) (See West Virginia).....	199	141	83	58	(D)	(D)	(D)	(D)
50	6.....	8,651	4,873	332	170	5,062	2,495	3,257	2,208
51	7.....								
52	8.....								
53	R (Lima SMSA).....								
54	2.....	245	153	164	97	(D)	(D)	(D)	(D)
55	3.....	6,228	2,457	5,447	2,005	451	270	330	182
56	4.....	2,147	1,303	(D)	(D)	(D)	(D)	703	452
57	5.....	3,375	1,753	2,118	991	199	203	1,058	559
		1,392	723	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

Establishments and Number of Establishments Consuming Brass,
Economic Areas: 1963-Continued

of State economic areas)

Number of establishments consuming brass mill shapes and forms												
Total			Rod, bar, and mechanical wire (335102)			Plate, sheet, and strip (335003, 335100, 335109, and 335123)			Pipe and tube (335127)			
Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000	
6	3	-	4	1	-	3	-	-	4	2	-	1
24	10	4	10	4	-	15	5	1	8	2	-	2
6	1	-	4	1	-	2	-	-	2	-	-	3
329	101	31	162	39	10	162	48	13	98	23	5	4
3	1	-	2	-	-	1	1	-	-	-	-	5
2	-	-	1	-	-	1	-	-	1	-	-	6
3	-	-	1	-	-	2	-	-	2	-	-	7
141	47	17	81	20	7	73	21	5	30	11	2	8
11	6	3	3	3	-	6	2	1	5	3	2	9
33	11	1	11	3	-	16	3	-	14	5	1	10
66	14	5	32	6	1	28	9	3	22	2	-	11
40	13	3	19	4	2	19	7	2	15	2	-	12
30	9	2	12	3	-	16	5	2	9	-	-	13
427	143	55	218	70	20	179	56	18	179	49	16	14
24	12	3	14	7	2	10	6	1	11	1	-	15
7	4	2	2	1	-	4	3	-	5	3	2	16
72	25	12	39	18	6	31	8	3	35	8	2	17
2	-	-	2	-	-	1	-	-	1	-	-	18
2	-	-	-	-	-	1	-	-	1	-	-	19
3	3	2	1	1	1	1	1	-	1	1	1	20
8	-	-	4	-	-	5	-	-	3	-	-	21
1	-	-	-	-	-	1	-	-	-	-	-	22
4	2	2	-	-	-	3	2	2	1	-	-	23
4	1	1	2	1	-	1	1	1	3	1	-	24
22	8	3	14	3	-	4	2	1	6	3	2	25
14	2	2	7	1	-	5	2	1	5	1	-	26
10	6	3	4	4	3	2	1	-	4	1	-	27
12	9	1	8	7	-	5	3	-	3	1	-	28
183	48	14	93	21	6	76	13	5	76	21	6	29
29	14	8	14	2	2	16	9	4	12	6	2	30
13	3	1	7	-	-	3	-	-	6	1	-	31
10	4	-	4	3	-	7	2	-	2	-	-	32
7	2	1	3	1	-	3	1	-	4	1	1	33
1,969	621	231	1,125	306	111	757	228	69	664	182	61	34
556	183	67	314	94	32	213	63	18	187	46	17	35
18	4	1	6	2	1	12	1	-	6	1	-	36
25	12	2	11	2	1	12	8	1	9	2	-	37
26	12	9	14	6	3	11	6	3	12	6	3	38
37	12	5	27	9	2	14	5	1	14	3	2	39
5	1	-	3	1	-	-	-	-	4	-	-	40
202	67	24	127	36	14	71	21	4	59	13	4	41
27	5	-	18	2	-	7	2	-	10	1	-	42
14	2	-	6	1	-	9	-	-	2	1	-	43
17	6	2	8	2	-	8	2	1	9	2	1	44
3	-	-	-	-	-	3	-	-	-	-	-	45
53	16	9	23	10	6	23	5	3	17	4	-	46
20	9	3	12	4	1	5	2	-	6	4	2	47
10	-	-	5	-	-	4	-	-	4	-	-	48
2	1	1	-	-	-	1	-	-	2	1	1	49
11	4	2	5	1	-	4	3	2	2	-	-	50
1	1	-	-	-	-	1	1	-	-	-	-	51
4	2	2	2	1	-	3	2	2	-	-	-	52
6	1	-	4	-	-	2	-	-	2	-	-	53
24	9	3	13	7	3	11	1	-	7	1	-	54
14	5	2	8	2	1	2	-	-	7	-	-	55
32	11	1	21	7	-	3	3	-	17	4	-	56
5	3	1	1	1	-	3	1	1	1	1	-	57

TABLE 9. Consumption of Brass Mill Shapes and Forms by Metal Fabricating by States and State

(See appendix for an explanation)

	Division, State, and State economic area ¹	Brass mill shapes and forms ²							
		Total		Rod, bar, and mechanical wire (335102)		Plate, sheet, and strip (335003, 335100, 335109, and 335123)		Pipe and tube (335127)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
	EAST NORTH CENTRAL--Continued								
1	Indiana.....	125,376	57,656	63,677	23,862	26,951	13,521	34,748	20,273
2	A (Gary-Hammond-East Chicago SMSA).....	171	147	(D)	(D)	(D)	(D)	93	93
3	B (South Bend SMSA).....	5,120	1,825	359	125	(D)	(D)	(D)	(D)
4	C (Fort Wayne SMSA).....	590	310	(D)	(D)	(D)	(D)	180	124
5	D (Indianapolis SMSA).....	12,529	6,490	6,634	3,343	5,669	2,975	226	172
6	E (Evansville SMSA-Indiana portion) (See Kentucky).....	10,226	7,342	156	141	824	546	9,246	6,655
7	6.....								
8	F (Louisville SMSA-Indiana portion) (See Kentucky).....	94	59	(D)	(D)	(D)	(D)	(D)	(D)
9	G (Anderson SMSA).....	16,787	7,898	9,101	3,520	(D)	(D)	(D)	(D)
10	4.....								
11	5.....	114	69	(D)	(D)	(D)	(D)	(D)	(D)
12	H (Muncie SMSA).....								
13	K (Cincinnati SMSA-Indiana portion).....	711	354	(D)	(D)	(D)	(D)	174	120
14	7.....								
15	8.....	44,879	20,867	(D)	(D)	(D)	(D)	18,305	10,013
16	1.....								
17	2.....	26,946	8,546	(D)	(D)	(D)	(D)	(D)	(D)
18	3.....								
19	9.....	7,209	3,749	4,006	1,817	1,669	1,104	1,534	828
20	Illinois.....	164,839	82,943	78,097	34,507	58,789	33,919	27,953	14,517
21	A (Davenport-Rock Island-Moline SMSA-Illinois portion) (See Iowa).....	11,249	5,291	(D)	(D)	2,410	1,317	(D)	(D)
22	D (Peoria SMSA).....								
23	3.....	4,596	2,158	3,906	1,759	(D)	(D)	(D)	(D)
24	B (Rockford-SMSA).....								
25	C (Chicago SMSA).....	110,013	53,249	65,983	28,083	30,199	17,824	13,831	7,342
26	C1 (Cook County).....	102,751	49,573	61,712	26,303	28,208	16,606	12,831	6,664
27	C2 (Dupage County).....	7,262	3,676	4,271	1,780	1,991	1,218	1,006	678
28	C3 (Kane County).....								
29	C4 (Lake County).....	7,262	3,676	4,271	1,780	1,991	1,218	1,006	678
30	C5 (McHenry County).....								
31	C6 (Will County).....	7,262	3,676	4,271	1,780	1,991	1,218	1,006	678
32	E (Springfield SMSA).....								
33	F (St. Louis SMSA-Illinois portion) (See Missouri).....	24,654	13,837	(D)	(D)	(D)	(D)	(D)	(D)
34	4.....								
35	6.....	1,166	578	(D)	(D)	(D)	(D)	(D)	(D)
36	G (Decatur SMSA).....								
37	1.....	4,781	3,131	(D)	(D)	2,880	1,939	(D)	(D)
38	5.....	5,268	3,146	(D)	(D)	(D)	(D)	(D)	(D)
39	8.....	3,112	1,553	(D)	(D)	(D)	(D)	(D)	(D)
40	9.....								
41	10.....	3,112	1,553	(D)	(D)	(D)	(D)	(D)	(D)
42	Michigan.....								
43	A (Saginaw SMSA).....	354	314	(D)	(D)	(D)	(D)	(D)	(D)
44	B (Grand Rapids SMSA).....	12,175	5,371	9,285	3,861	1,725	727	1,165	783
45	C (Muskegon-Muskegon Heights SMSA).....	172	192	(D)	(D)	-	-	(D)	(D)
46	D (Flint SMSA).....	54,126	20,305	(D)	(D)	2,202	1,139	(D)	(D)
47	E (Lansing SMSA).....								
48	7.....	75,347	41,735	44,976	22,224	20,177	13,517	10,194	5,994
49	8.....								
50	F (Detroit SMSA).....	11,376	6,978	7,892	4,500	1,752	1,124	1,732	1,354
51	F1 (Macomb County).....								
52	F2 (Oakland County).....	63,971	34,757	37,084	17,724	18,425	12,393	8,462	4,640
53	F3 (Wayne County).....								
54	G (Kalamazoo SMSA).....	1,602	1,028	373	171	(D)	(D)	(D)	(D)
55	6.....								
56	H (Jackson SMSA).....	169	163	(D)	(D)	(D)	(D)	(D)	(D)
57	J (Ann Arbor SMSA).....	6,867	2,982	5,540	2,257	(D)	(D)	(D)	(D)
58	L (Toledo SMSA-Michigan portion) (See Ohio)...								
59	K (Bay City SMSA).....	1,154	635	(D)	(D)	163	111	(D)	(D)

See footnotes at end of table.

Establishments and Number of Establishments Consuming Brass,
Economic Areas: 1963-Continued

of State economic areas)

Number of establishments consuming brass mill shapes and forms												
Total			Rod, bar, and mechanical wire (335102)			Plate, sheet, and strip (335003, 335100, 335109, and 335123)			Pipe and tube (335127)			
Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000	
207	78	32	111	33	15	64	27	10	97	28	9	1
8	1	-	5	-	-	2	-	-	4	1	-	2
18	3	1	12	1	-	2	1	1	8	2	-	3
10	3	-	6	-	-	4	-	-	5	1	-	4
42	17	6	28	13	4	11	4	2	11	-	-	5
8	3	2	3	1	-	2	1	-	7	2	2	6
6	2	2	4	-	-	3	1	1	2	1	1	7
4	-	-	2	-	-	1	-	-	2	-	-	8
4	2	2	1	1	1	4	2	2	1	-	-	9
15	8	3	7	2	-	7	4	1	3	2	1	10
5	2	1	3	2	1	1	-	-	2	-	-	11
4	-	-	2	-	-	2	-	-	1	-	-	12
1	-	-	-	-	-	-	-	-	1	-	-	13
5	2	-	1	-	-	2	1	-	4	1	-	14
1	-	-	-	-	-	-	-	-	1	-	-	15
32	11	8	15	3	3	8	5	2	23	10	4	16
7	2	-	2	-	-	2	-	-	3	2	-	17
15	9	3	8	4	3	6	3	-	6	2	-	18
22	13	4	12	6	3	7	5	1	13	4	1	19
598	192	68	345	93	30	280	86	22	166	48	16	20
9	2	2	4	-	-	3	1	-	5	2	2	21
6	3	2	2	1	1	5	2	1	3	1	1	22
8	4	3	2	2	1	4	1	1	4	2	1	23
38	5	3	31	5	1	5	1	1	8	-	-	24
472	147	44	266	74	25	224	62	12	120	32	7	25
420	135	41	235	69	24	100	57	11	108	29	6	26
52	12	3	31	5	1	25	5	1	12	3	1	27
2	2	-	2	1	-	2	2	-	1	-	-	28
4	1	1	1	-	-	2	1	1	1	-	-	29
3	2	1	2	-	-	1	-	-	3	1	1	30
16	9	4	11	5	1	10	3	1	6	3	2	31
8	3	-	5	2	-	4	1	-	4	2	-	32
19	7	4	13	2	-	10	6	3	5	2	1	33
5	3	3	2	1	1	4	3	1	2	2	1	34
2	-	-	1	-	-	2	-	-	-	-	-	35
3	2	-	1	-	-	2	2	-	1	-	-	36
3	2	1	2	-	-	2	1	1	3	1	-	37
405	108	40	243	55	24	117	27	9	135	36	9	38
8	1	-	3	-	-	2	1	-	3	-	-	39
31	11	5	16	7	2	9	4	1	10	3	1	40
6	1	-	5	1	-	-	-	-	2	-	-	41
14	1	1	9	1	-	6	1	1	5	-	-	42
6	2	2	2	1	1	4	2	1	4	2	-	43
18	6	2	10	2	1	7	-	-	5	4	1	44
4	2	1	2	1	1	1	-	-	4	2	1	45
216	56	24	139	33	15	55	10	5	65	15	5	46
93	21	10	54	13	7	25	3	3	27	6	1	47
123	35	14	85	20	8	30	7	3	38	9	4	48
9	2	-	4	-	-	6	2	-	5	-	-	49
12	3	1	9	-	-	1	-	-	1	2	1	50
9	1	-	5	-	-	3	1	-	3	-	-	51
8	5	2	6	4	2	3	1	1	3	-	-	52
5	2	1	2	1	1	2	1	-	1	-	-	53
7	2	1	6	2	1	3	1	-	3	-	-	54

TABLE 9. Consumption of Brass Mill Shapes and Forms by Metal Fabricating by States and State

(See appendix for an explanation)

Division, State, and State economic area ¹	Brass mill shapes and forms ²							
	Total		Rod, bar, and mechanical wire (335102)		Plate, sheet, and strip (335003, 335100, 335109, and 335123)		Pipe and tube (335127)	
	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
EAST NORTH CENTRAL--Continued								
Michigan--Continued								
1 1.....	124	83	(D)	(D)	(D)	(D)	(D)	(D)
2 2.....								
3 3.....								
4 4.....								
5 5.....	437	271	(D)	(D)	(D)	(D)	(D)	(D)
6 6.....								
7 7.....	811	671	(D)	(D)	(D)	(D)	407	416
8 8.....	3,256	1,593	1,701	486	324	140	1,231	967
9 9.....								
10 Wisconsin.....	55,976	33,195	18,367	10,784	19,887	11,671	17,722	10,740
11 B (Madison SMSA).....	7,347	7,523	(D)	(D)	(D)	(D)	2,031	1,202
12 F (Kenosha SMSA).....								
13 8.....								
14 C (Milwaukee SMSA).....								
15 D (Racine SMSA).....	27,967	14,134	9,152	4,380	13,742	6,699	5,073	3,055
16 G (Green Bay SMSA).....	1,974	1,243	109	48	(D)	(D)	(D)	(D)
17 6.....	799	435	(D)	(D)	(D)	(D)	343	188
18 1.....								
19 2.....								
20 3.....								
21 4.....	17,666	9,698	(D)	(D)	2,824	1,715	(D)	(D)
22 5.....								
23 6.....								
24 7.....								
25 4.....	223	162	(D)	(D)	(D)	(D)	(D)	(D)
26 5.....								
27 6.....								
28 7.....								
29 WEST NORTH CENTRAL.....	87,493	43,267	25,996	11,691	43,022	21,347	18,475	10,229
30 Minnesota.....	12,383	6,395	4,892	2,288	3,237	1,483	4,254	2,624
31 A (St. Louis SMSA-Minnesota portion) (See Illinois).....	3,555	1,650	122	36	(D)	(D)	(D)	(D)
32 1.....								
33 2.....								
34 4.....								
35 B (Minneapolis-St. Paul SMSA).....	7,633	4,200	4,036	1,993	1,673	1,127	1,924	1,080
36 5.....	1,195	545	734	259	(D)	(D)	(D)	(D)
37 6.....								
38 7.....								
39 8.....								
40 Iowa.....	14,027	7,039	4,726	2,111	1,654	1,200	7,647	3,728
41 A (Sioux City SMSA-Iowa portion) (See Nebraska).....	1,341	354	(D)	(D)	(D)	(D)	1,278	329
42 1.....								
43 3.....								
44 C (Des Moines SMSA).....								
45 D (Davenport-Rock Island-Moline SMSA-Iowa portion) (See Illinois).....	1,529	816	846	437	(D)	(D)	(D)	(D)
46 G (Dubuque SMSA).....	813	440	(D)	(D)	-	-	(D)	(D)
47 6.....								
48 E (Waterloo SMSA).....								
49 4.....								
50 F (Cedar Rapids SMSA).....	3,770	1,622	(D)	(D)	(D)	(D)	(D)	(D)
51 5.....	2,335	1,580	122	57	(D)	(D)	(D)	(D)
52 4.....	4,239	2,227	(D)	(D)	390	263	(D)	(D)
53 Missouri.....	50,717	25,571	15,287	6,837	(D)	(D)	(D)	(D)
54 A (Kansas City SMSA-Missouri portion) (See Kansas).....	50,479	25,405	15,152	6,761	(D)	(D)	(D)	(D)
55 B (St. Louis SMSA-Missouri portion) (See Illinois).....								
56 1.....								
57 2.....								
58 C (Springfield SMSA).....	106	65	62	36	(D)	(D)	(D)	(D)
59 6.....								
60 7.....								
61 9.....								
62 4.....	132	101	73	40	(D)	(D)	(D)	(D)

See footnotes at end of table.

Establishments and Number of Establishments Consuming Brass, Economic Areas: 1963-Continued

of State economic areas)

Number of establishments consuming brass mill shapes and forms											
Total ³			Rod, bar, and mechanical wire (335102)			Plate, sheet, and strip (335003, 335100, 335109, and 335123)			Pipe and tube (335127)		
Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--	
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000
1	-	-	1	-	-	-	-	-	-	-	-
4	1	-	3	-	-	1	-	-	1	1	-
1	-	-	1	-	-	1	-	-	1	-	-
7	1	-	6	-	-	2	1	-	-	-	-
11	3	-	2	-	-	3	1	-	8	2	-
28	8	-	12	2	-	8	1	-	12	5	-
203	60	24	112	31	10	83	25	10	79	24	10
3	1	-	1	-	-	2	1	-	2	-	-
2	1	-	-	-	-	2	1	-	1	1	-
21	8	3	12	3	2	8	3	1	7	4	1
91	27	14	59	19	5	35	13	7	34	8	5
21	4	1	8	-	-	13	1	1	7	3	1
1	-	-	1	-	-	-	-	-	-	-	-
8	3	-	2	-	-	4	2	-	5	1	-
5	-	-	2	-	-	3	-	-	1	-	-
11	3	1	4	-	-	3	1	-	5	3	1
1	-	-	-	-	-	-	-	-	1	-	-
2	-	-	-	-	-	1	-	-	1	-	-
32	12	4	22	9	3	11	3	1	12	3	1
5	1	-	1	-	-	1	-	-	3	1	-
311	85	26	167	47	13	98	22	5	136	35	6
97	22	4	53	11	2	40	7	1	36	7	2
1	-	-	1	-	-	-	-	-	-	-	-
2	-	-	1	-	-	-	-	-	1	-	-
1	1	-	-	-	-	1	1	-	-	-	-
1	-	-	-	-	-	1	-	-	-	-	-
6	3	1	3	-	-	1	1	-	4	2	1
77	14	2	42	10	2	33	4	1	28	4	1
1	-	-	1	-	-	-	-	-	-	-	-
7	4	1	5	1	-	4	1	-	2	1	-
1	-	-	-	-	-	-	-	-	1	-	-
51	20	9	28	10	3	10	5	1	27	11	3
2	-	-	1	-	-	1	-	-	-	-	-
3	1	-	1	-	-	-	-	-	2	1	-
2	-	-	-	-	-	-	-	-	2	-	-
6	2	1	3	2	-	1	-	-	3	1	-
7	2	-	4	-	-	1	1	-	4	1	-
1	1	-	-	-	-	-	-	-	1	1	-
2	1	-	2	1	-	-	-	-	1	-	-
2	1	1	2	1	1	-	-	-	-	-	-
5	2	2	4	1	1	1	3	-	3	1	-
3	1	-	-	-	-	4	3	-	-	-	-
9	3	2	4	-	-	2	1	1	-	-	-
9	6	3	7	5	1	-	-	-	-	-	-
116	36	11	71	23	8	39	9	2	48	12	1
19	3	1	10	1	-	10	2	1	7	-	-
75	31	10	48	21	8	24	6	1	-	-	-
1	-	-	1	-	-	1	-	-	-	-	-
4	2	-	3	1	-	-	-	-	1	-	-
1	-	-	-	-	-	-	-	-	-	-	-
7	-	-	4	-	-	2	-	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-	-
1	-	-	1	-	-	-	-	-	-	-	-
7	-	-	4	-	-	1	-	-	-	-	-

TABLE 9. Consumption of Brass Mill Shapes and Forms by Metal Fabricating by States and State

(See appendix for an explanation)

	Division, State, and State economic area ¹	Brass mill shapes and forms ²							
		Total		Rod, bar, and mechanical wire (335102)		Plate, sheet, and strip (335003, 335100, 335109, and 335123)		Pipe and tube (335127)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
	WEST NORTH CENTRAL--Continued								
1	South Dakota.....	465	74	(D)	(D)	-	-	(D)	(D)
2	A (Sioux Falls SMSA).....	465	74	(D)	(D)	-	-	(D)	(D)
3	2.....								
4	4.....								
5	5.....								
6	Nebraska.....	(D)	(D)	(D)	(D)	(D)	(D)	556	161
7	A (Sioux City SMSA-Nebraska portion) (See Iowa).....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
8	B (Omaha SMSA-Nebraska portion).....								
9	2.....								
10	3.....								
11	4.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
12	5.....								
13	Kansas.....	(D)	(D)	1,026	432	(D)	(D)	(D)	(D)
14	A (Wichita SMSA).....	1,609	938	1,011	426	(D)	(D)	(D)	(D)
15	B (Kansas City SMSA-Kansas portion) (See Missouri).....	369	51	-	-	(D)	(D)	(D)	(D)
16	C (Topeka SMSA).....								
17	1.....								
18	2.....								
19	3.....	661	349	(D)	(D)	-	-	(D)	(D)
20	8.....								
21	SOUTH ATLANTIC.....	71,945	39,071	25,061	11,232	31,269	18,177	15,615	9,662
22	Delaware.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
23	A (Wilmington SMSA-Delaware portion) (See New Jersey).....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
24	1.....								
25	Maryland.....	(D)	(D)	2,735	1,192	(D)	(D)	1,413	1,032
26	A (Baltimore SMSA).....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
27	B (Washington, D.C. SMSA-Maryland portion) (See District of Columbia and Virginia).....								
28	2.....								
29	4.....					-	-	(D)	(D)
30	District of Columbia.....	51	38	(D)	(D)	(D)	(D)	(D)	(D)
31	A (Washington, D.C. SMSA-District of Columbia portion) (See Maryland and Virginia).....	51	38	(D)	(D)	(D)	(D)	(D)	(D)
32	Virginia.....	6,044	4,618	(D)	(D)	(D)	(D)	3,584	2,782
33	A (Roanoke SMSA).....	806	531	(D)	(D)	647	404	(D)	(D)
34	F (Lynchburg SMSA).....								
35	7.....								
36	B (Washington, D.C. SMSA-Virginia portion) (See Maryland and District of Columbia).....								
37	4.....	2,942	2,257	194	133	(D)	(D)	(D)	(D)
38	5.....								
39	6.....								
40	D.....								
41	E.....	2,125	1,693	(D)	(D)	(D)	(D)	1,101	715
42	1.....								
43	2.....	171	137	(D)	(D)	(D)	(D)	(D)	(D)
44	West Virginia.....	(D)	(D)	914	360	153	84	(D)	(D)
45	B (Huntington-Ashland SMSA-West Virginia portion).....	(D)	(D)	(D)	(D)	(D)	(D)	-	-
46	C (Charleston SMSA).....								
47	2.....								
48	D (Steubenville-Weirton SMSA-West Virginia portion) (See Ohio).....								
49	1.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50	3.....								
51	4.....								
52	6.....								

See footnotes at end of table.

of State economic areas)

Number of establishments consuming brass mill shapes and forms												
Total ³			Rod, bar, and mechanical wire (335102)			Plate, sheet, and strip (335003, 335100, 335109, and 335123)			Pipe and tube (335127)			
Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000	
44	1	-	1	-	-	-	-	-	3	1	-	1
1	1	-	-	-	-	-	-	-	1	1	-	2
1	-	-	1	-	-	-	-	-	-	-	-	3
1	-	-	-	-	-	-	-	-	1	-	-	4
1	-	-	-	-	-	-	-	-	1	-	-	5
14	1	1	4	-	-	4	1	1	8	-	-	6
1	-	-	1	-	-	-	-	-	-	-	-	7
6	1	1	2	-	-	2	1	1	3	-	-	8
2	-	-	-	-	-	1	-	-	1	-	-	9
1	-	-	-	-	-	-	-	-	1	-	-	10
2	-	-	1	-	-	1	-	-	2	-	-	11
2	-	-	1	-	-	1	-	-	1	-	-	12
29	5	1	10	3	-	5	-	-	19	4	-	13
9	4	1	8	3	-	2	-	-	3	3	-	14
2	-	-	-	-	-	-	-	-	2	-	-	15
3	-	-	-	-	-	1	-	-	2	-	-	16
2	1	-	-	-	-	-	-	-	2	1	-	17
3	-	-	-	-	-	-	-	-	3	-	-	18
4	-	-	1	-	-	-	-	-	3	-	-	19
6	-	-	1	-	-	2	-	-	4	-	-	20
270	74	24	114	28	7	104	29	12	128	24	8	21
8	2	1	4	1	1	4	1	-	3	1	-	22
7	2	1	4	1	1	4	1	-	2	1	-	23
1	-	-	-	-	-	-	-	-	1	-	-	24
43	11	3	21	3	1	18	4	2	26	6	1	25
31	9	3	17	3	1	16	4	2	19	4	1	26
2	1	-	1	-	-	1	-	-	1	1	-	27
6	1	-	1	-	-	1	-	-	4	1	-	28
4	-	-	2	-	-	-	-	-	2	-	-	29
3	-	-	2	-	-	2	-	-	3	-	-	30
3	-	-	2	-	-	2	-	-	3	-	-	31
28	11	3	10	3	1	17	7	1	12	5	2	32
3	2	-	1	1	-	2	2	-	1	-	-	33
4	2	-	1	-	-	3	2	-	3	-	-	34
1	-	-	-	-	-	-	-	-	1	-	-	35
3	-	-	2	-	-	1	-	-	2	-	-	36
5	2	1	4	1	-	2	-	-	1	1	1	37
3	2	-	-	-	-	2	1	-	1	1	-	38
2	1	1	-	-	-	2	1	-	1	-	-	39
1	-	-	-	-	-	-	-	-	1	-	-	40
2	1	1	1	1	1	2	1	1	1	1	1	41
1	1	1	-	-	-	1	-	-	1	1	-	42
3	-	-	1	-	-	2	-	-	2	-	-	43
15	4	1	8	3	-	5	-	-	4	1	1	44
3	-	-	1	-	-	2	-	-	-	-	-	45
1	-	-	1	-	-	-	-	-	-	-	-	46
1	-	-	-	-	-	1	-	-	-	-	-	47
1	1	-	1	1	-	1	-	-	-	-	-	48
2	1	-	1	1	-	1	-	-	2	1	1	49
5	2	1	3	1	-	1	-	-	-	-	-	50
2	-	-	1	-	-	-	-	-	-	-	-	51

TABLE 9. Consumption of Brass Mill Shapes and Forms by Metal Fabricating by States and State

(See appendix for an explanation)

Division, State, and State economic area ¹		Brass mill shapes and forms ²							
		Total		Rod, bar, and mechanical wire (335102)		Plate, sheet, and strip (335003, 335100, 335109, and 335123)		Pipe and tube (335127)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
SOUTH ATLANTIC--Continued									
1	North Carolina.....	18,122	9,167	10,619	4,046	4,676	3,263	2,827	1,858
2	A (Asheville SMSA).....	624	383	(D)	(D)	(D)	(D)	(D)	(D)
3	1.....								
4	2.....								
5	B (Winston-Salem SMSA).....	2,574	1,696	240	150	(D)	(D)	(D)	(D)
6	C (Greensboro-Highpoint SMSA).....								
7	3.....								
8	D (Charlotte SMSA).....	906	299	(D)	(D)	-	-	(D)	(D)
9	E (Raleigh SMSA).....	959	601	(D)	(D)	(D)	(D)	(D)	(D)
10	6.....								
11	4.....								
12	5.....	10,896	4,380	(D)	(D)	(D)	(D)	(D)	(D)
13	7.....	156	125	(D)	(D)	(D)	(D)	115	69
14	8.....	2,007	1,683	(D)	(D)	(D)	(D)	(D)	(D)
15	9.....								
16	10.....								
17	11.....								
18	South Carolina.....	1,263	578	(D)	(D)	(D)	(D)	388	180
19	A (Columbia SMSA).....	246	153	(D)	(D)	(D)	(D)	(D)	(D)
20	C (Charleston SMSA).....								
21	6.....								
22	7.....	430	113	(D)	(D)	(D)	(D)	91	52
23	D (Greenville SMSA).....								
24	1.....								
25	2.....	587	312	(D)	(D)	(D)	(D)	(D)	(D)
26	Georgia.....	15,785	7,202	(D)	(D)	6,281	3,185	(D)	(D)
27	B (Atlanta SMSA).....	3,770	2,037	329	174	2,368	1,118	1,073	745
28	E (Savannah SMSA).....								
29	F (Macon SMSA).....								
30	C (Albany SMSA).....	3,075	1,480	(D)	(D)	(D)	(D)	(D)	(D)
31	6.....								
32	7.....								
33	8.....	8,940	3,685	(D)	(D)	(D)	(D)	-	-
34	1.....								
35	2.....								
36	3.....								
37	4.....								
38	Florida.....	3,553	1,933	2,558	1,255	373	266	622	412
39	A (Jacksonville SMSA).....	227	215	(D)	(D)	(D)	(D)	40	35
40	D (Pensacola SMSA).....								
41	1.....								
42	3.....	567	253	472	184	(D)	(D)	(D)	(D)
43	B (Tampa-St. Petersburg SMSA).....								
44	C (Miami SMSA).....								
45	E (Orlando SMSA).....	116	70	(D)	(D)	(D)	(D)	108	65
46	4.....								
47	F (West Palm Beach SMSA).....								
48	5.....	124	77	69	47	(D)	(D)	(D)	(D)
49	6.....								
50	G (Fort Lauderdale-Hollywood SMSA).....								
		1,837	905	1,674	868	(D)	(D)	(D)	(D)
51	EAST SOUTH CENTRAL.....	43,708	26,028	14,622	8,266	16,078	8,337	13,008	9,425
52	Kentucky.....	22,316	11,796	7,272	3,707	8,989	4,046	6,055	4,043
53	A (Louisville SMSA-Kentucky portion) (See Indiana).....	7,193	4,255	(D)	(D)	463	255	(D)	(D)
54	B (Cincinnati SMSA-Kentucky portion) (See Ohio).....								
55	6.....								
56	E (Lexington SMSA).....	1,969	925	(D)	(D)	(D)	(D)	(D)	(D)
57	1.....								
58	2.....								
59	3.....	13,154	6,616	(D)	(D)	(D)	(D)	(D)	(D)
60	4.....								
61	7.....								
62	9.....								

See footnotes at end of table.

of State economic areas)

Number of establishments consuming brass mill shapes and forms											
Total ^a			Rod, bar, and mechanical wire (335102)			Plate, sheet, and strip (335003, 335100, 335109, and 335123)			Pipe and tube (335127)		
Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--	
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000
52	21	8	19	8	2	21	8	4	26	4	2
2	2	-	1	1	-	1	-	-	1	1	-
1	1	-	-	-	-	1	1	-	-	-	-
1	-	-	-	-	-	-	-	-	1	-	-
5	2	1	2	1	-	3	1	-	3	1	1
5	3	1	1	1	-	3	2	1	1	1	-
1	1	-	1	1	-	1	-	-	-	-	-
8	2	-	4	2	-	-	-	-	5	-	-
2	2	1	-	-	-	2	2	1	-	-	-
3	1	-	1	1	-	1	-	-	1	-	-
7	3	3	3	2	2	3	1	1	2	-	-
7	1	-	5	-	-	3	-	-	5	-	-
2	-	-	-	-	-	1	-	-	1	-	-
4	1	1	-	1	-	1	1	1	3	-	-
2	1	-	1	1	-	-	-	-	2	-	-
1	-	-	-	-	-	1	-	-	-	-	-
1	1	1	-	-	-	-	-	-	1	1	1
19	2	-	7	1	-	9	-	-	8	1	-
2	-	-	-	-	-	2	-	-	-	-	-
1	-	-	-	-	-	1	-	-	-	-	-
2	-	-	1	-	-	1	-	-	-	-	-
3	1	-	-	-	-	1	-	-	2	1	-
6	-	-	1	-	-	3	-	-	3	-	-
1	-	-	1	-	-	-	-	-	-	-	-
4	1	-	4	1	-	1	-	-	3	-	-
43	13	7	16	2	1	22	7	5	17	5	2
23	7	3	11	1	-	12	3	2	8	3	1
1	-	-	1	-	-	1	-	-	1	-	-
1	-	-	-	-	-	1	-	-	-	-	-
1	-	-	-	-	-	-	-	-	1	-	-
1	-	-	-	-	-	-	-	-	-	-	-
4	1	-	-	-	-	-	-	-	4	1	-
5	1	1	1	-	-	-	-	-	-	-	-
2	1	1	2	1	1	3	1	1	2	1	1
2	1	2	2	1	-	2	2	2	-	-	-
1	1	1	1	-	-	1	-	-	-	-	-
2	1	-	-	-	-	2	1	-	-	-	-
59	10	1	27	7	1	23	2	-	29	1	-
3	-	-	1	-	-	2	-	-	1	-	-
1	-	-	-	-	-	-	-	-	1	-	-
1	-	-	-	-	-	1	-	-	-	-	-
3	1	-	1	-	-	1	1	-	2	-	-
14	2	-	9	2	-	5	-	-	5	-	-
12	3	-	6	1	-	8	1	-	6	1	-
4	-	-	-	-	-	1	-	-	3	-	-
3	-	-	1	-	-	2	-	-	1	-	-
3	-	-	2	1	-	1	-	-	1	-	-
3	-	-	1	-	-	-	-	-	2	-	-
2	-	-	2	-	-	-	-	-	1	-	-
10	4	1	4	4	1	2	-	-	6	-	-
122	52	28	53	24	11	46	18	8	60	19	10
42	19	8	18	9	5	21	6	1	21	8	4
20	9	4	8	3	2	9	1	-	14	6	3
2	-	-	-	-	-	2	-	-	1	-	-
5	3	1	3	2	1	4	2	-	2	-	-
4	2	1	1	1	1	1	1	-	3	1	-
2	1	1	-	-	-	2	1	1	1	1	1
1	-	-	1	-	-	-	-	-	-	-	-
2	-	-	1	-	-	1	-	-	-	-	-
3	1	-	2	1	-	-	-	-	-	-	-
1	1	1	1	1	1	-	-	-	-	-	-
2	2	-	1	1	-	1	-	-	-	-	-

TABLE 9. Consumption of Brass Mill Shapes and Forms by Metal Fabricating by States and State

(See appendix for an explanation)

Division, State, and State economic area ¹	Brass mill shapes and forms ²							
	Total		Rod, bar, and mechanical wire (335102)		Plate, sheet, and strip (335003, 335100, 335109, and 335123)		Pipe and tube (335127)	
	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
EAST SOUTH CENTRAL--Continued								
1 Tennessee.....	11,581	6,600	4,255	1,933	5,354	3,223	1,972	1,444
2 A (Memphis SMSA-Tennessee portion).....	1,018	773	(D)	(D)	(D)	(D)	160	74
3 B (Nashville-SMSA).....	3,132	1,932	(D)	(D)	(D)	(D)	(D)	(D)
4 C (Chattanooga SMSA-Tennessee portion).....	2,196	1,297	(D)	(D)	(D)	(D)	(D)	(D)
5 6.....	4,186	2,029	(D)	(D)	(D)	(D)	(D)	(D)
6 7.....	1,149	569	850	351	(D)	(D)	(D)	(D)
7 8.....	4,767	3,968	2,970	2,557	(D)	(D)	(D)	(D)
8 D (Knoxville SMSA).....	1,785	1,098	(D)	(D)	(D)	(D)	236	47
9 8.....	1,946	1,662	(D)	(D)	(D)	(D)	(D)	(D)
10 1.....	1,036	1,208	(D)	(D)	(D)	(D)	(D)	(D)
11 2.....	5,044	3,664	(D)	(D)	(D)	(D)	4,132	3,211
12 3.....	4,403	3,017	(D)	(D)	(D)	(D)	(D)	(D)
13 4.....	641	647	(D)	(D)	(D)	(D)	(D)	(D)
14 5.....	36,857	21,028	7,480	3,303	12,798	6,292	16,579	11,433
15 Alabama.....	2,086	1,016	(D)	(D)	(D)	(D)	1,527	780
16 A (Birmingham SMSA).....	454	198	(D)	(D)	-	-	(D)	(D)
17 C (Montgomery SMSA).....	796	527	(D)	(D)	(D)	(D)	(D)	(D)
18 E (Gadsden SMSA).....	55	34	(D)	(D)	-	-	(D)	(D)
19 3.....	781	257	(D)	(D)	(D)	(D)	734	225
20 D (Mobile SMSA).....	730	494	(D)	(D)	(D)	(D)	467	254
21 G (Tuscaloosa SMSA).....	157	124	43	46	(D)	(D)	(D)	(D)
22 1.....	573	370	(D)	(D)	(D)	(D)	(D)	(D)
23 2.....	5,800	3,535	612	348	899	733	4,289	2,454
24 6.....	4,461	2,836	505	297	678	603	3,278	1,936
25 9.....	885	580	(D)	(D)	(D)	(D)	(D)	(D)
26 Mississippi.....	454	198	(D)	(D)	-	-	(D)	(D)
27 A (Jackson SMSA).....	796	527	(D)	(D)	(D)	(D)	(D)	(D)
28 1.....	55	34	(D)	(D)	-	-	(D)	(D)
29 2.....	781	257	(D)	(D)	(D)	(D)	734	225
30 3.....	730	494	(D)	(D)	(D)	(D)	467	254
31 4.....	157	124	43	46	(D)	(D)	(D)	(D)
32 5.....	573	370	(D)	(D)	(D)	(D)	(D)	(D)
33 6.....	5,800	3,535	612	348	899	733	4,289	2,454
34 WEST SOUTH CENTRAL.....	4,461	2,836	505	297	678	603	3,278	1,936
35 Arkansas.....	885	580	(D)	(D)	(D)	(D)	(D)	(D)
36 A (Little Rock-North Little Rock SMSA).....	454	198	(D)	(D)	-	-	(D)	(D)
37 B (Fort Smith SMSA-Arkansas portion).....	796	527	(D)	(D)	(D)	(D)	(D)	(D)
38 1.....	55	34	(D)	(D)	-	-	(D)	(D)
39 D (Pine Bluff SMSA).....	781	257	(D)	(D)	(D)	(D)	734	225
40 5.....	730	494	(D)	(D)	(D)	(D)	467	254
41 6.....	157	124	43	46	(D)	(D)	(D)	(D)
42 7.....	573	370	(D)	(D)	(D)	(D)	(D)	(D)
43 8.....	5,800	3,535	612	348	899	733	4,289	2,454
44 Louisiana.....	4,461	2,836	505	297	678	603	3,278	1,936
45 A (Shreveport SMSA).....	885	580	(D)	(D)	(D)	(D)	(D)	(D)
46 F (Monroe SMSA).....	454	198	(D)	(D)	-	-	(D)	(D)
47 1.....	796	527	(D)	(D)	(D)	(D)	(D)	(D)
48 2.....	55	34	(D)	(D)	-	-	(D)	(D)
49 B (New Orleans SMSA).....	781	257	(D)	(D)	(D)	(D)	734	225
50 C (Baton Rouge SMSA).....	730	494	(D)	(D)	(D)	(D)	467	254
51 D (Lafayette SMSA).....	157	124	43	46	(D)	(D)	(D)	(D)
52 E (Lake Charles SMSA).....	573	370	(D)	(D)	(D)	(D)	(D)	(D)
53 5.....	5,800	3,535	612	348	899	733	4,289	2,454
54 6.....	4,461	2,836	505	297	678	603	3,278	1,936
55 7.....	885	580	(D)	(D)	(D)	(D)	(D)	(D)
56 8.....	454	198	(D)	(D)	-	-	(D)	(D)
57 Oklahoma.....	796	527	(D)	(D)	(D)	(D)	(D)	(D)
58 A (Tulsa SMSA).....	55	34	(D)	(D)	-	-	(D)	(D)
59 B (Oklahoma City SMSA).....	781	257	(D)	(D)	(D)	(D)	734	225
60 3.....	730	494	(D)	(D)	(D)	(D)	467	254
61 6.....	157	124	43	46	(D)	(D)	(D)	(D)
62 7.....	573	370	(D)	(D)	(D)	(D)	(D)	(D)
63 8.....	5,800	3,535	612	348	899	733	4,289	2,454

See footnotes at end of table.

Establishments and Number of Establishments Consuming Brass,
Economic Areas: 1963-Continued

of State economic areas)

Number of establishments consuming brass mill shapes and forms												
Total ^a			Rod, bar, and mechanical wire (335102)			Plate, sheet, and strip (335003, 335100, 335109, and 335123)			Pipe and tube (335127)			
Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000	
41	17	10	21	9	2	15	8	5	18	4	2	1
9	2	1	3	-	-	4	2	1	5	-	-	2
6	3	2	2	2	-	4	1	1	3	1	1	3
2	1	1	1	-	-	-	-	-	1	1	1	4
4	2	2	4	2	1	1	1	-	1	-	-	5
2	1	1	-	-	-	1	1	1	1	-	-	6
1	-	-	-	-	-	-	-	-	1	-	-	7
1	1	1	1	1	-	1	1	1	-	-	-	8
9	3	2	5	2	1	2	1	1	4	1	-	9
2	2	-	2	1	-	1	1	-	1	-	-	10
1	1	-	1	1	-	-	-	-	-	-	-	11
1	-	-	1	-	-	-	-	-	-	-	-	12
3	1	-	1	-	-	1	-	-	1	1	-	13
23	11	6	9	6	4	5	3	1	10	2	1	14
9	3	2	5	2	1	2	1	1	3	-	-	15
2	1	1	1	1	1	-	-	-	1	-	-	16
2	2	-	-	-	-	1	1	-	1	1	-	17
1	1	1	1	1	1	-	-	-	-	-	-	18
2	-	-	-	-	-	-	-	-	2	-	-	19
1	-	-	-	-	-	-	-	-	1	-	-	20
3	3	1	1	1	-	1	1	-	1	1	1	21
1	-	-	-	-	-	1	-	-	-	-	-	22
1	1	1	1	1	1	-	-	-	-	-	-	23
1	-	-	-	-	-	-	-	-	1	-	-	24
16	5	4	5	-	-	5	1	1	11	5	3	25
3	1	1	1	-	-	1	1	1	2	1	-	26
3	1	1	1	-	-	1	-	-	2	1	1	27
1	1	1	-	-	-	-	-	-	1	1	-	28
1	-	-	-	-	-	-	-	-	1	-	-	29
2	-	-	1	-	-	-	-	-	1	-	-	30
3	-	-	1	-	-	2	-	-	1	-	-	31
1	1	1	-	-	-	-	-	-	1	1	1	32
2	1	-	1	-	-	1	-	-	2	1	-	33
259	71	14	111	14	3	76	16	1	141	47	9	34
21	7	1	9	1	-	2	-	-	14	5	1	35
4	2	-	2	1	-	-	-	-	2	1	-	36
3	2	1	1	-	-	1	-	-	2	2	1	37
2	1	-	1	-	-	-	-	-	2	-	-	38
1	-	-	1	-	-	-	-	-	-	-	-	39
1	-	-	1	-	-	-	-	-	-	-	-	40
2	-	-	-	-	-	-	-	-	2	-	-	41
2	-	-	-	-	-	-	-	-	2	1	-	42
4	1	-	3	-	-	1	-	-	2	-	-	43
2	1	-	-	-	-	-	-	-	2	1	-	44
20	3	-	8	-	-	6	2	-	9	2	-	45
4	-	-	2	-	-	-	-	-	2	-	-	46
1	-	-	1	-	-	-	-	-	-	-	-	47
1	-	-	1	-	-	-	-	-	-	-	-	48
1	1	-	-	-	-	1	1	-	-	-	-	49
5	1	-	3	-	-	2	1	-	2	1	-	50
2	-	-	1	-	-	1	-	-	-	-	-	51
1	-	-	-	-	-	-	-	-	1	-	-	52
1	-	-	-	-	-	1	-	-	-	-	-	53
1	-	-	-	-	-	-	-	-	1	-	-	54
3	1	-	-	-	-	1	-	-	3	1	-	55
45	21	4	22	2	-	15	6	-	27	14	3	56
28	15	4	14	2	-	12	5	-	16	9	-	57
8	3	-	4	-	-	2	1	-	3	2	-	58
1	1	-	-	-	-	-	-	-	1	1	-	59
1	-	-	1	-	-	1	-	-	-	-	-	60
1	1	-	1	-	-	-	-	-	1	1	-	61
1	-	-	1	-	-	-	-	-	1	-	-	62

TABLE 9. Consumption of Brass Mill Shapes and Forms by Metal Fabricating by States and State

(See appendix for an explanation)

Division, State, and State economic area ¹		Brass mill shapes and forms ²							
		Total		Rod, bar, and mechanical wire (335102)		Plate, sheet, and strip (335003, 335100, 335109, and 335123)		Pipe and tube (335127)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
WEST SOUTH CENTRAL--Continued									
Oklahoma--Continued									
1	C (Lawton SMSA).....	454	119	(D)	(D)	-	-	(D)	(D)
2	2.....								
3	4.....								
4	4.....								
5	Texas.....	28,241	15,983	6,269	2,660	11,676	5,378	10,296	7,945
6	A (El Paso SMSA).....	152	62	(D)	(D)	(D)	(D)	(D)	(D)
7	F (San Antonio SMSA).....								
8	V (Odessa SMSA).....								
9	1.....								
10	4.....	2,868	2,084	132	144	422	288	2,314	1,652
11	B (Fort Worth SMSA).....								
12	C (Dallas SMSA).....								
13	D (Waco SMSA).....								
14	W (Tyler SMSA).....	12,812	7,689	159	118	(D)	(D)	(D)	(D)
15	X (Texarkana SMSA-Texas portion).....								
16	8.....								
17	12.....								
18	E (Austin SMSA).....	262	91	191	82	(D)	(D)	(D)	(D)
19	G (Houston SMSA).....	3,129	1,729	614	845	512	303	1,003	581
20	H (Beaumont-Port Arthur SMSA).....	1,429	1,729	(D)	(D)	(D)	(D)	1,300	684
21	J (Amarillo SMSA).....	530	407	(D)	(D)	-	-	(D)	(D)
22	K (Wichita Falls SMSA).....								
23	L (Lubbock SMSA).....								
24	6.....								
25	M (Galveston SMSA).....	131	134	(D)	(D)	(D)	(D)	(D)	(D)
26	N (Corpus Christi SMSA).....								
27	13.....								
28	14.....								
29	15.....								
30	MOUNTAIN.....	5,048	2,848	2,376	1,277	1,153	710	1,519	861
31	Montana.....	-	-	-	-	-	-	-	-
32	Idaho.....	185	118	(D)	(D)	(D)	(D)	(D)	(D)
33	A (Boise City SMSA).....	185	118	(D)	(D)	(D)	(D)	(D)	(D)
34	2.....								
35	3.....								
36	4.....								
37	Wyoming.....	480	141	(D)	(D)	(D)	(D)	-	-
38	1.....	480	141	(D)	(D)	(D)	(D)	-	-
39	2.....								
40	Colorado.....	2,741	1,287	1,950	869	153	101	638	317
41	A (Denver SMSA).....	2,741	1,287	1,950	869	153	101	638	317
42	C (Colorado Springs SMSA).....								
43	3.....								
44	5.....								
45	New Mexico.....	26	30	(D)	(D)	(D)	(D)	(D)	(D)
46	A (Albuquerque SMSA).....	26	30	(D)	(D)	(D)	(D)	(D)	(D)
47	Arizona.....	461	338	176	134	(D)	(D)	(D)	(D)
48	A (Phoenix SMSA).....	461	338	176	134	(D)	(D)	(D)	(D)
49	B (Tucson SMSA).....								
50	1.....								
51	2.....								
52	Utah.....	1,155	934	(D)	(D)	(D)	(D)	585	330
53	A (Salt Lake City SMSA).....	1,155	934	(D)	(D)	(D)	(D)	585	330
54	B.....								
55	Nevada.....	-	-	-	-	-	-	-	-

See footnotes at end of table.

of State economic areas)

Number of establishments consuming brass mill shapes and forms											
Total ^a			Rod, bar, and mechanical wire (335102)			Plate, sheet, and strip (335003, 335100, 335109, and 335123)			Pipe and tube (335127)		
Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--	
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000
1	1	-	-	-	-	-	-	-	1	1	-
2	-	-	-	-	-	-	-	-	2	-	-
2	-	-	1	-	-	-	-	-	1	-	-
173	40	9	72	11	3	53	8	1	91	26	5
1	-	-	-	-	-	1	-	-	-	-	-
2	-	-	1	-	-	1	-	-	1	-	-
1	-	-	1	-	-	-	-	-	-	-	-
1	-	-	1	-	-	-	-	-	1	-	-
2	-	-	1	-	-	1	-	-	2	-	-
21	4	1	8	1	-	8	2	-	12	4	1
47	13	3	19	5	2	17	1	-	26	8	1
2	-	-	-	-	-	1	-	-	1	-	-
3	3	1	-	-	-	-	-	-	3	3	1
1	1	-	-	-	-	-	-	-	1	1	-
11	1	1	5	-	-	3	2	1	6	-	-
6	2	1	3	-	-	2	1	-	2	1	1
4	1	-	4	1	-	1	-	-	1	-	-
49	8	1	24	4	1	14	2	-	19	3	-
8	3	1	3	-	-	3	-	-	4	3	1
3	-	-	1	-	-	-	-	-	2	-	-
1	1	-	-	-	-	-	-	-	1	1	-
3	1	-	-	-	-	-	-	-	3	1	-
1	-	-	-	-	-	-	-	-	1	-	-
2	-	-	-	-	-	1	-	-	2	-	-
1	-	-	-	-	-	-	-	-	1	-	-
1	-	-	-	-	-	-	-	-	1	-	-
1	1	-	-	-	-	-	-	-	1	1	-
1	-	-	1	-	-	-	-	-	-	-	-
68	13	1	35	6	1	23	4	1	27	3	-
-	-	-	-	-	-	-	-	-	-	-	-
8	1	-	2	-	-	3	1	-	4	-	-
1	-	-	1	-	-	-	-	-	-	-	-
2	1	-	-	-	-	2	1	-	1	-	-
3	-	-	-	-	-	1	-	-	2	-	-
2	-	-	1	-	-	-	-	-	1	-	-
3	1	-	2	-	-	2	1	-	-	-	-
1	-	-	1	-	-	-	-	-	-	-	-
2	1	-	1	-	-	2	1	-	-	-	-
29	6	1	17	4	1	8	-	-	11	1	-
24	4	1	15	3	1	7	-	-	8	-	-
1	-	-	1	-	-	-	-	-	-	-	-
3	1	-	1	1	-	-	-	-	2	-	-
1	1	-	-	-	-	1	-	-	1	1	-
4	-	-	3	-	-	1	-	-	1	-	-
4	-	-	3	-	-	1	-	-	1	-	-
13	2	-	8	1	-	3	-	-	5	1	-
10	2	-	7	1	-	1	-	-	2	1	-
1	-	-	1	-	-	1	-	-	1	-	-
1	-	-	-	-	-	-	-	-	1	-	-
1	-	-	-	-	-	-	-	-	-	-	-
11	3	1	3	1	-	6	2	1	6	1	-
10	2	1	3	1	-	5	1	-	6	1	-
1	1	1	-	-	-	1	1	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

TABLE 9. Consumption of Brass Mill Shapes and Forms by Metal Fabricating by States and State

(See appendix for an explanation)

	Division, State, and State economic area ¹	Brass mill shapes and forms ²							
		Total		Rod, bar, and mechanical wire (335102)		Plate, sheet, and strip (335003, 335100, 335109, and 335123)		Pipe and tube (335127)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
1	PACIFIC.....	95,865	51,013	36,949	17,992	39,418	20,688	19,498	12,333
2	Washington.....	3,831	2,772	630	465	1,908	1,072	1,293	1,235
3	A (Seattle SMSA).....	3,680	2,679	601	444	1,861	1,047	1,218	1,188
4	D (Spokane SMSA).....								
5	5.....								
6	6.....								
7	B (Tacoma SMSA).....	151	93	(D)	(D)	47	25	(D)	(D)
8	C (Portland SMSA-Washington portion) (See Oregon).....								
9	1.....								
10	3.....								
11	Oregon.....	1,084	662	582	328	(D)	(D)	(D)	(D)
12	A (Portland SMSA-Oregon portion) (See Washington).....	1,084	530	(D)	(D)	72	46	(D)	(D)
13	2.....								
14	B (Eugene SMSA).....								
15	1.....								
16	California.....	90,922	47,557	35,737	17,199	37,425	19,562	17,760	10,796
17	A (San Francisco-Oakland SMSA).....	13,294	6,746	3,747	1,845	5,121	2,610	4,426	2,291
18	M (Vallejo-Napa SMSA).....								
19	1.....								
20	2.....								
21	3.....	3,072	1,745	1,433	684	1,531	979	108	82
22	B (San Jose SMSA).....								
23	C (Sacramento SMSA).....								
24	D (Stockton SMSA).....								
25	4.....	1,761	1,324	192	97	(D)	(D)	(D)	(D)
26	6.....								
27	9.....								
28	E (Fresno SMSA).....								
29	F (Anaheim-Santa Ana-Garden Grove SMSA).....	308	184	(D)	(D)	(D)	(D)	(D)	(D)
30	G (San Diego SMSA).....	3,712	1,868	777	405	2,742	1,310	193	153
31	H (San Bernardino-Riverside-Ontario SMSA).....	1,222	1,277	155	252	649	474	418	551
32	I (San Bernardino-Riverside-Ontario SMSA).....	3,749	1,381	1,175	381	(D)	(D)	(D)	(D)
33	K (Santa Barbara SMSA).....	486	137	(D)	(D)	-	-	(D)	(D)
34	L (Los Angeles SMSA).....								
35	Alaska.....	(D)	(D)	-	-	(D)	(D)	-	-
36	1.....	(D)	(D)	-	-	(D)	(D)	-	-
37	Hawaii.....	(D)	(D)	-	-	(D)	(D)	(D)	(D)
	A (Honolulu SMSA).....	(D)	(D)	-	-	(D)	(D)	(D)	(D)

D Withheld to avoid disclosing operations of individual companies. - Represents zero.

¹A description of the State economic areas and a list of the counties included in each area are given in the appendix to this report. Standard Metropolitan Statistical Areas (SMSA) are identified by capital letters and the SMSA title is shown in parentheses. Nonmetropolitan areas are identified by figures. Also, see footnote 3.

²The data shown in this table represent purchases by metal fabricating plants from other establishments including interplant transfers between establishments operated by the same company. Statistics on the quantities of brass mill shapes consumed in brass mills in the production of fabricated products are excluded. Data include plate, sheet, tubing, bar, mechanical wire, etc., but exclude bare wire for electrical conduction and insulated wire and cable.

Establishments and Number of Establishments Consuming Brass, Economic Areas: 1963-Continued

of State economic areas)

Number of establishments consuming brass mill shapes and forms												
Total ³			Rod, bar, and mechanical wire (335102)			Plate, sheet, and strip (335003, 335100, 335109, and 335123)			Pipe and tube (335127)			
Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000	
676	158	45	358	63	11	263	51	19	268	50	9	1
48	6	2	20	3	-	19	2	1	22	2	1	2
29	5	1	16	3	-	11	1	-	12	2	1	3
5	1	1	-	-	-	1	1	1	4	-	-	4
1	-	-	1	-	-	1	-	-	1	-	-	5
2	-	-	-	-	-	1	-	-	1	-	-	6
6	-	-	1	-	-	4	-	-	1	-	-	7
3	-	-	-	-	-	1	-	-	2	-	-	8
1	-	-	1	-	-	-	-	-	1	-	-	9
1	-	-	1	-	-	-	-	-	-	-	-	10
34	4	-	21	2	-	11	-	-	17	1	-	11
26	4	-	17	2	-	8	-	-	10	1	-	12
3	-	-	2	-	-	2	-	-	2	-	-	13
2	-	-	1	-	-	-	-	-	2	-	-	14
3	-	-	1	-	-	1	-	-	3	-	-	15
590	148	43	321	58	11	231	49	18	227	47	8	16
97	20	5	54	8	1	34	6	3	45	11	2	17
1	-	-	1	-	-	-	-	-	-	-	-	18
2	-	-	-	-	-	1	-	-	1	-	-	19
1	1	-	1	1	-	-	-	-	-	-	-	20
1	-	-	1	-	-	-	-	-	-	-	-	21
22	6	2	12	2	1	13	3	1	8	-	-	22
4	1	1	1	-	-	2	1	1	1	-	-	23
4	2	-	3	1	-	1	-	-	2	1	-	24
1	-	-	-	-	-	-	-	-	1	-	-	25
2	1	1	1	-	-	-	-	-	1	1	1	26
1	1	-	-	-	-	1	1	-	-	-	-	27
6	2	-	3	-	-	2	-	-	3	1	-	28
30	6	1	15	3	-	14	1	1	9	1	-	29
18	4	2	7	1	-	11	1	1	9	3	-	30
13	5	3	6	3	-	5	2	1	6	2	-	31
1	-	-	1	-	-	-	-	-	-	-	-	32
5	-	-	2	-	-	-	-	-	3	-	-	33
381	99	28	213	39	9	147	34	10	138	27	5	34
1	-	-	-	-	-	1	-	-	-	-	-	35
1	-	-	-	-	-	1	-	-	-	-	-	36
3	-	-	-	-	-	1	-	-	2	-	-	37

³Represents an unduplicated count of brass mill shape consumers. That is, an establishment which reported consumption of each of the three separate types of brass mill shapes is counted as one establishment in the "total" establishments columns as well as one establishment in each of the three detail columns. Also a given establishment may be excluded from the detail shape columns labeled "consuming in excess of \$50,000 or \$250,000," because of relatively small consumption of specific shapes but may be included as a consumer of over \$50,000 or \$250,000 of brass in the "total" establishments columns.

⁴In New England, Standard Metropolitan Statistical Areas (SMSA) are defined on a city or town rather than a county basis. Therefore, the geographic units identified by capital letters do not represent SMSA's but represent areas which contain one or more of the central cities of SMSA's. The central cities are shown in parentheses.

TABLE 10. Consumption of Bare Wire and Insulated Wire and Cable by Metal Fabricating Establishments, Selected Industry Groups, and Industries Within States: 1963

Code	Division, State, industry group, and industry	Bare wire for electrical conduction (335728 and 335725)		Insulated wire and cable (335790)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds copper content)	Delivered cost (\$1,000)
	UNITED STATES, TOTAL.....	² 558,727	259,324	³ 474,130	341,871
	NEW ENGLAND.....	93,191	47,242	29,286	21,678
	Maine.....	-	-	(D)	(D)
	New Hampshire.....	(D)	(D)	1,089	974
36	Electrical machinery.....	(D)	(D)	917	790
	Vermont.....	(D)	(D)	(D)	(D)
	Massachusetts.....	43,189	22,472	17,730	11,687
33	Primary metal industries.....	26,737	12,974	(D)	(D)
3357	Nonferrous wiredrawing, etc.....	26,737	12,974	(D)	(D)
35	Machinery, except electrical.....	1,308	855	(S)	(S)
36	Electrical machinery.....	14,806	8,462	17,105	11,172
3662	Radio, TV communications equipment.....	(D)	(D)	3,919	4,979
3679	Electronic components, n.e.c.....	(D)	(D)	1,160	777
3694	Engine electrical equipment.....	-	-	325	311
	Rhode Island.....	15,698	6,238	2,051	2,214
33	Primary metal industries.....	14,335	5,497	(D)	(D)
3357	Nonferrous wiredrawing, etc.....	14,335	5,497	(D)	(D)
36	Electrical machinery.....	(D)	(D)	947	1,091
	Connecticut.....	26,883	15,180	8,079	6,564
33	Primary metal industries.....	22,387	11,888	(D)	(D)
3357	Nonferrous wiredrawing, etc.....	22,387	11,888	(D)	(D)
34	Fabricated metal products.....	528	323	(D)	(D)
3451	Screw machine products.....	352	195	-	-
35	Machinery, except electrical.....	(D)	(D)	447	524
36	Electrical machinery.....	3,935	2,696	5,881	4,359
3662	Radio, TV communications equipment.....	(D)	(D)	195	214
3679	Electronic components, n.e.c.....	(D)	(D)	1,530	1,162
	MIDDLE ATLANTIC.....	156,638	66,881	104,402	77,065
	New York.....	38,329	17,250	45,686	36,076
33	Primary metal industries.....	25,237	9,562	(D)	(D)
3357	Nonferrous wiredrawing, etc.....	25,237	9,562	(D)	(D)
34	Fabricated metal products.....	2,035	913	(D)	(D)
35	Machinery, except electrical.....	528	162	5,812	4,185
36	Electrical machinery.....	10,505	6,585	36,697	27,868
3612	Transformers.....	960	485	463	249
3613	Switchgear and switchboards.....	(D)	(D)	283	160
3621	Motors and generators.....	3,878	2,088	17,845	9,443
3629	Electric industrial goods, n.e.c.....	(D)	(D)	290	182
3634	Electric housewares and fans.....	(D)	(D)	130	212
3642	Lighting fixtures.....	(S)	(S)	695	346
3643	Current carrying devices.....	576	371	2,783	2,775
3651	Radio and TV receiving sets.....	(D)	(D)	1,237	1,414
3662	Radio, TV communications equipment.....	1,564	1,115	2,659	4,134
3679	Electronic components, n.e.c.....	1,443	1,065	3,476	3,248
3699	Electrical products, n.e.c.....	(D)	(D)	4,022	3,720
	New Jersey.....	91,902	35,146	17,666	13,257
35	Machinery, except electrical.....	324	231	1,296	1,100

See footnotes at end of table.

TABLE 10. Consumption of Bare Wire and Insulated Wire and Cable by Metal Fabricating Establishments, Selected Industry Groups, and Industries Within States: 1963--Continued

Code	Division, State, industry group, and industry	Bare wire for electrical conduction (335728 and 335725)		Insulated wire and cable (335790)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds copper content)	Delivered cost (\$1,000)
	MIDDLE ATLANTIC--Continued				
	New Jersey--Continued				
36	Electrical machinery.....	3,106	2,416	14,516	10,933
3613	Switchgear and switchboards.....	(D)	(D)	401	295
3621	Motors and generators.....	1,605	984	1,344	954
3629	Electric industrial goods, n.e.c.....	(D)	(D)	1,339	241
3642	Lighting fixtures.....	-	-	91	139
3662	Radio, TV communications equipment.....	154	151	2,228	2,546
3679	Electronic components, n.e.c.....	477	561	753	528
	Pennsylvania.....	26,407	14,485	41,050	27,732
33	Primary metal industries.....	631	473	(D)	(D)
3357	Nonferrous wiredrawing, etc.....	631	473	(D)	(D)
35	Machinery, except electrical.....	2,387	1,400	5,847	3,626
36	Electrical machinery.....	22,161	11,632	29,130	18,584
3612	Transformers.....	(D)	(D)	15,627	8,976
3613	Switchgear and switchboards.....	772	366	2,246	1,755
3621	Motors and generators.....	2,416	1,496	5,391	2,893
3642	Lighting fixtures.....	(D)	(D)	2,342	1,805
3662	Radio, TV communications equipment.....	(D)	(D)	354	559
3679	Electronic components, n.e.c.....	2,950	1,683	426	791
37	Transportation equipment.....	588	314	2,384	2,334
3717	Motor vehicles and parts.....	(D)	(D)	830	579
3791	Trailer coaches.....	-	-	106	135
	EAST NORTH CENTRAL.....	203,124	92,946	230,318	154,655
	Ohio.....	28,747	16,074	58,087	37,996
33	Primary metal industries.....	(D)	(D)	981	1,006
3357	Nonferrous wiredrawing, etc.....	(D)	(D)	981	1,006
34	Fabricated metal products.....	(D)	(D)	327	257
35	Machinery, except electrical.....	1,363	697	2,257	2,858
3531	Construction machinery.....	(D)	(D)	170	160
3536	Hoists, cranes, and monorails.....	-	-	442	673
3537	Industrial trucks and tractors.....	(D)	(D)	213	149
3541	Metal-cutting machine tools.....	(D)	(D)	203	250
3559	Special industry machines, n.e.c.....	-	-	83	88
3561	Pumps and compressors.....	(D)	(D)	329	199
3585	Refrigeration machinery.....	-	-	49	73
36	Electrical machinery.....	21,624	13,566	46,462	29,176
3611	Electric measuring instruments.....	-	-	79	114
3612	Transformers.....	(D)	(D)	4,350	2,464
3621	Motors and generators.....	6,829	4,265	31,213	18,274
3629	Electric industrial goods, n.e.c.....	(D)	(D)	1,751	1,159
3642	Lighting fixtures.....	(D)	(D)	162	345
3679	Electronic components, n.e.c.....	1,520	923	600	401
3699	Electrical products, n.e.c.....	217	403	2,708	1,528
37	Transportation equipment.....	(D)	(D)	2,384	2,334
3717	Motor vehicles and parts.....	-	-	6,788	3,415
3729	Aircraft equipment, n.e.c.....	(D)	(D)	196	177
	Indiana.....	76,459	29,471	88,332	54,630
36	Electrical machinery.....	24,570	13,213	63,056	41,856
3643	Current carrying devices.....	-	-	523	221
3679	Electronic components, n.e.c.....	454	394	1,970	1,302
3699	Electrical products, n.e.c.....	-	-	1,443	1,095
	Illinois.....	60,923	28,170	46,868	38,868
33	Primary metal industries.....	27,478	10,664	4,170	1,997
3357	Nonferrous wiredrawing, etc.....	27,478	10,257	4,170	1,997

See footnotes at end of table.

TABLE 10. Consumption of Bare Wire and Insulated Wire and Cable by Metal Fabricating Establishments, Selected Industry Groups, and Industries Within States: 1963--Continued

Code	Division, State, industry group, and industry	Bare wire for electrical conduction (335728 and 335725)		Insulated wire and cable (335790)	
		Quantity	Delivered cost	Quantity	Delivered cost
		(1,000 pounds)	(\$1,000)	(1,000 pounds copper content)	(\$1,000)
	EAST NORTH CENTRAL--Continued				
	Illinois--Continued				
35	Machinery, except electrical.....	1,247	686	2,212	1,806
3531	Construction machinery.....	-	-	51	57
3541	Metal-cutting machine tools.....	(D)	(D)	115	114
3542	Metal-forming machine tools.....	-	-	64	100
3589	Service industry machines, n.e.c.....	(D)	(D)	91	108
36	Electrical machinery.....	30,766	16,533	35,764	31,337
3611	Electric measuring instruments.....	(D)	(D)	260	222
3612	Transformers.....	18,724	9,856	6,299	3,964
3613	Switchgear and switchboards.....	213	204	300	278
3621	Motors and generators.....	251	177	3,496	2,184
3622	Industrial controls.....	(D)	(D)	252	220
3623	Electric welding apparatus.....	(D)	(D)	175	114
3629	Electric industrial goods, n.e.c.....	674	430	3,636	3,464
3631	Household cooking equipment.....	-	-	320	416
3642	Lighting fixtures.....	(D)	(D)	2,517	1,299
3643	Current carrying devices.....	(D)	(D)	517	543
3651	Radio and TV receiving sets.....	(D)	(D)	2,257	2,831
3661	Telephone; telegraph apparatus.....	(D)	(D)	1,664	3,603
3662	Radio, TV communications equipment.....	(D)	(D)	564	408
3679	Electronic components, n.e.c.....	2,060	764	8,318	5,878
3699	Electrical products, n.e.c.....	(D)	(D)	2,221	3,229
	Michigan.....	31,100	16,059	18,162	12,151
34	Fabricated metal products.....	2,709	1,355	(D)	(D)
35	Machinery, except electrical.....	290	229	2,133	1,082
3541	Metal-cutting machine tools.....	-	-	101	86
3585	Refrigeration machinery.....	-	-	378	253
36	Electrical machinery.....	20,647	12,121	8,825	6,849
3621	Motors and generators.....	(D)	(D)	4,820	2,409
3623	Electric welding apparatus.....	528	334	337	238
3629	Electric industrial goods, n.e.c.....	-	-	240	214
3679	Electronic components, n.e.c.....	(D)	(D)	1,270	1,274
3694	Engine electrical equipment.....	(D)	(D)	348	243
37	Transportation equipment.....	(D)	(D)	4,493	3,483
3717	Motor vehicles and parts.....	(D)	(D)	3,892	2,989
3791	Trailer coaches.....	-	-	358	260
	Wisconsin.....	5,895	3,172	18,869	11,010
35	Machinery, except electrical.....	(D)	(D)	2,294	1,801
3541	Metal-cutting machine tools.....	-	-	264	138
36	Electrical machinery.....	5,473	2,690	15,690	8,669
3613	Switchgear and switchboards.....	453	201	(D)	(D)
3621	Motors and generators.....	1,414	540	3,800	2,717
3622	Industrial controls.....	(D)	(D)	1,601	766
	WEST NORTH CENTRAL.....	27,151	12,810	29,214	22,851
	Minnesota.....	968	569	6,671	4,049
36	Electrical machinery.....	907	534	5,277	2,664
3621	Motors and generators.....	(D)	(D)	2,051	1,283
3679	Electronic components, n.e.c.....	(D)	(D)	296	183
	Iowa.....	1,024	924	1,871	2,276
35	Machinery, except electrical.....	(D)	(D)	393	332
36	Electrical machinery.....	(D)	(D)	1,360	1,790
3679	Electronic components, n.e.c.....	(D)	(D)	453	353

See footnotes at end of table.

TABLE 10. Consumption of Bare Wire and Insulated Wire and Cable by Metal Fabricating Establishments, Selected Industry Groups, and Industries Within States: 1963--Continued

Code	Division, State, industry group, and industry	Bare wire for electrical conduction (335728 and 335725)		Insulated wire and cable (335790)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds copper content)	Delivered cost (\$1,000)
	WEST NORTH CENTRAL--Continued				
	Missouri.....	23,333	10,020	18,665	14,109
36	Electrical machinery.....	1,329	705	16,121	10,678
3621	Motors and generators.....	(D)	(D)	8,306	4,729
3642	Lighting fixtures.....	-	-	145	125
	North Dakota.....	-	-	-	-
	South Dakota.....	(D)	(D)	(D)	(D)
	Nebraska.....	1,714	1,188	(D)	(D)
	Kansas.....	(D)	(D)	391	697
	SOUTH ATLANTIC.....	18,946	10,832	20,115	13,551
	Delaware.....	-	-	(D)	(D)
	Maryland.....	5,928	3,106	10,514	5,862
35	Machinery, except electrical.....	(D)	(D)	1,201	622
36	Electrical machinery.....	(D)	(D)	8,966	4,479
3622	Industrial controls.....	-	-	93	75
37	Transportation equipment.....	(D)	(D)	296	673
	District of Columbia.....	(D)	(D)	(D)	(D)
	Virginia.....	707	475	1,410	1,303
36	Electrical machinery.....	(D)	(D)	621	737
3662	Radio, TV communications equipment.....	(D)	(D)	82	107
	West Virginia.....	1,460	798	313	251
	North Carolina.....	2,256	1,275	2,468	1,641
36	Electrical machinery.....	(D)	(D)	2,229	1,354
	South Carolina.....	(D)	(D)	(D)	(D)
	Georgia.....	7,661	4,624	2,527	1,716
37	Transportation equipment.....	-	-	740	496
	Florida.....	605	368	1,731	1,301
36	Electrical machinery.....	(D)	(D)	958	890
3662	Radio, TV communications equipment.....	(D)	(D)	356	541
	EAST SOUTH CENTRAL.....	15,603	7,654	18,225	12,222
	Kentucky.....	(D)	(D)	7,483	4,633
36	Electrical machinery.....	1,811	1,122	7,188	4,375
	Tennessee.....	10,301	4,417	7,094	4,515
36	Electrical machinery.....	(D)	(D)	7,048	4,456
	Alabama.....	(D)	(D)	1,714	1,038
	Mississippi.....	2,999	1,887	1,934	2,036
	WEST SOUTH CENTRAL.....	14,536	6,934	14,997	14,092
	Arkansas.....	2,419	1,514	6,500	3,556
36	Electrical machinery.....	(D)	(D)	1,106	3,340
3621	Motors and generators.....	(D)	(D)	4,765	2,648

See footnotes at end of table.

TABLE 10. Consumption of Bare Wire and Insulated Wire and Cable by Metal Fabricating Establishments, Selected Industry Groups, and Industries Within States: 1963--Continued

Code	Division, State, industry group, and industry	Bare wire for electrical conduction (335728 and 335725)		Insulated wire and cable (335790)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds copper content)	Delivered cost (\$1,000)
	WEST SOUTH CENTRAL--Continued				
	Louisiana.....	-	-	66	76
	Oklahoma.....	541	400	2,726	2,735
	Texas.....	11,576	5,020	5,705	7,725
36	Electrical machinery.....	(D)	(D)	1,198	1,782
	MOUNTAIN.....	613	328	1,861	1,353
	Montana.....	-	-	-	-
	Idaho.....	-	-	56	33
	Wyoming.....	(D)	(D)	-	-
	Colorado.....	457	230	1,310	927
	New Mexico.....	(D)	(D)	24	39
	Arizona.....	109	58	379	280
	Utah.....	(D)	(D)	(D)	(D)
	Nevada.....	-	-	(D)	(D)
	PACIFIC.....	28,925	13,697	25,712	24,404
	Washington.....	(D)	(D)	243	299
	Oregon.....	416	402	(D)	(D)
	California.....	28,152	13,132	24,896	23,706
19	Ordnance and accessories.....	(D)	(D)	2,808	4,646
33	Primary metal industries.....	17,715	6,216	547	507
3357	Nonferrous wiredrawing, etc.....	17,715	6,216	547	507
34	Fabricated metal products.....	(D)	(D)	449	400
35	Machinery, except electrical.....	303	250	913	1,251
3561	Pumps and compressors.....	(D)	(D)	188	188
3571	Computing and related machines.....	(D)	(D)	435	707
36	Electrical machinery.....	7,065	4,672	16,931	13,186
3611	Electric measuring instruments.....	(D)	(D)	431	1,016
3612	Transformers.....	2,709	1,322	1,894	998
3613	Switchgear and switchboards.....	(D)	(D)	450	235
3621	Motors and generators.....	1,161	730	1,598	1,003
3622	Industrial controls.....	-	-	47	72
3629	Electric industrial goods, n.e.c.....	(D)	(D)	641	714
3642	Lighting fixtures.....	(D)	(D)	566	335
3651	Radio and TV receiving sets.....	(D)	(D)	147	243
3662	Radio, TV communications equipment.....	(D)	(D)	5,990	4,496
3679	Electronic components, n.e.c.....	1,533	1,093	2,921	2,007
3694	Engine electrical equipment.....	(D)	(D)	1,279	779
37	Transportation equipment.....	602	508	2,900	3,314
3717	Motor vehicles and parts.....	-	-	399	303
3721	Aircraft.....	(D)	(D)	1,475	1,286
3729	Aircraft equipment, n.e.c.....	(D)	(D)	223	559
3731	Ship building and repairing.....	(D)	(D)	437	665
3791	Trailer coaches.....	(D)	(D)	321	178
38	Insttuments and related products.....	(D)	(D)	348	402
3821	Mechanical measuring devices.....	-	-	83	103
	Alaska.....	-	-	-	-
	Hawaii.....	(D)	(D)	(D)	(D)

Footnotes on next page.

TABLE 10. Consumption of Bare Wire and Insulated Wire and Cable by Metal Fabricating Establishments, Selected Industry Groups, and Industries Within States: 1963--Continued

Footnotes for Table 10

- Represents zero.

(D) Withheld to avoid disclosing the operations of individual companies.

¹Data are published for selected industries only in the following industry groups:

19 Ordnance and Accessories
33 Primary Metal Industries
34 Fabricated Metal Products
35 Machinery, Except Electrical

36 Electrical Machinery
37 Transportation Equipment
38 Instruments and Related Products

No data are available for industries in other industry groups. Within each State an entry is shown for each industry group listed for which consumption data are publishable. In addition, consumption data were reported in selected industry groups within States which were not published, either (a) because they totaled less than \$250 thousand, or (b) because the totals could not be shown without approximating the operations of individual companies. The industry groups within States with such totals are as follows:

<u>Bare wire for electrical conduction</u>		<u>Insulated wire and cable</u>	
<u>State</u>	<u>Industry groups</u>	<u>State</u>	<u>Industry groups</u>
New Hampshire.....	33 and 36	Maine.....	36 and 37
Vermont.....	33, 35, 36, and 38	New Hampshire.....	33 and 35
Massachusetts.....	34 and 38	Vermont.....	35, 37, and 38
Rhode Island.....	34, 36, and 38	Massachusetts.....	34, 35, 37, and 38
Connecticut.....	35 and 38	Rhode Island.....	35
		Connecticut.....	37 and 38
New York.....	37 and 38	New York.....	19, 37, and 38
New Jersey.....	33, 34, and 37	New Jersey.....	33, 34, 37, and 38
Pennsylvania.....	34 and 38	Pennsylvania.....	19, 34, and 38
		Ohio.....	19 and 38
Ohio.....	33, 34, and 37	Indiana.....	19, 33, 34, 35, 37, and 38
Indiana.....	33, 34, 35, 37, and 37	Illinois.....	34, 37, and 38
Illinois.....	34, 37, and 38	Michigan.....	33, 34, and 38
Michigan.....	33 and 38	Wisconsin.....	34, 37, and 38
Wisconsin.....	34, 37, and 38		
Minnesota.....	35 and 37	Minnesota.....	34, 35, 37, and 38
Missouri.....	33, 34, 35, 37, and 38	Iowa.....	34, 37, and 38
South Dakota.....	36	Missouri.....	33, 34, 35, 37, and 38
Nebraska.....	34 and 36	South Dakota.....	35 and 37
Kansas.....	37	Nebraska.....	36 and 37
		Kansas.....	36 and 37
Maryland.....	19, 33, and 34	Delaware.....	34 and 36
District of Columbia..	35	Maryland.....	19, 33, and 38
Virginia.....	34, 35, and 37	District of Columbia..	36
West Virginia.....	35 and 36	Virginia.....	34, 35, 37, and 38
North Carolina.....	19, 33, 35, and 38	West Virginia.....	35, 36, and 37
Georgia.....	35 and 36	North Carolina.....	19, 35, and 37
Florida.....	35 and 37	South Carolina.....	35 and 36
		Georgia.....	35 and 36
Kentucky.....	34 and 35	Florida.....	19, 34, 35, 37, and 38
Tennessee.....	33 and 34	Kentucky.....	34, 35, and 37
Alabama.....	36	Tennessee.....	34, 35, and 37
Mississippi.....	36 and 37	Alabama.....	19, 36, and 37
		Mississippi.....	36 and 37
Arkansas.....	37	Arkansas.....	34, 35, and 37
Oklahoma.....	34, 35, 36, and 37	Louisiana.....	35, 36, and 37
Texas.....	33, 34, 35, 37, and 38	Oklahoma.....	34, 35, 36, and 37
		Texas.....	33, 34, 35, 37, and 38
Wyoming.....	38	Idaho.....	34 and 37
Colorado.....	34 and 36	Colorado.....	34, 35, 36, and 37
New Mexico.....	36	New Mexico.....	36 and 38
Arizona.....	35 and 36	Arizona.....	35, 36, and 38
Utah.....	34 and 36	Utah.....	34, 35, and 36
		Nevada.....	36
Washington.....	34, 36, and 37	Washington.....	35, 36, and 37
Oregon.....	35, 36, and 37	Oregon.....	35, 36, 37, and 38
California.....	19, 34, and 38	Hawaii.....	35
Hawaii.....	35		

²The data shown in this table represent purchases by consumers from other establishments, including interplant transfers between establishments operated by the same company.

³Statistics on the quantities of insulated wire and cable produced and consumed in insulating plants in the production of fabricated products are excluded.

TABLE 11. Consumption of Bare Wire and Insulated Wire and Cable by Metal Fabricating Establishments and Number of Establishments Consuming Bare Wire and Insulated Wire and Cable, by States and State Economic Areas: 1963

Division, State, and State economic area ¹	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Number of establishments		
			Total	Consuming in excess of--	
				\$50,000	\$250,000
	BARE WIRE (335725 and 335728)				
UNITED STATES, TOTAL.....	2558,727	259,324	1,050	416	175
NEW ENGLAND.....	93,191	47,242	126	69	40
Maine.....	-	-	-	-	-
New Hampshire.....	(D)	(D)	6	6	2
A (Includes Manchester) ³	(D)	(D)	1	1	-
1.....			1	1	-
2.....			4	4	2
Vermont.....	(D)	(D)	4	1	1
1.....	(D)	(D)	3	1	1
2.....			1	-	-
Massachusetts.....	43,189	22,472	60	30	21
A (Includes Springfield and Holyoke) ³	18,621	9,945	9	6	5
1.....			4	4	3
B (Includes Fitchburg, Leominster, and Worcester) ³			12	8	7
C (Includes Boston, Haverhill, Lawrence, and Lowell) ³	15,495	7,325	29	11	5
D (Includes Brockton) ³			2	-	-
E (Includes Fall River and New Bedford) ³			4	1	1
Rhode Island.....	15,698	6,238	14	10	7
A (Includes Providence) ³	15,698	6,238	13	10	7
1.....			1	-	-
Connecticut.....	26,883	15,180	42	22	9
A (Includes Bridgeport and Stamford) ³	3,254	1,895	11	5	1
1.....			3	1	-
B (Includes New Haven and Waterbury) ³			12	9	5
2.....	22,898	12,139	3	2	2
C (Includes Hartford and New Britain) ³	731	1,146	13	5	1
MIDDLE ATLANTIC.....	156,638	66,881	275	105	41
New York.....	38,329	17,250	122	35	16
A (Buffalo SMSA).....	917	431	9	2	-
B (Rochester SMSA).....	2,276	1,391	9	6	1
C (Syracuse SMSA).....	16,345	5,643	3	1	1
D (Utica-Rome SMSA).....			2	1	1
7.....			3	1	1
E (Binghamton SMSA-New York portion) (See Pennsylvania).....	1,591	726	3	1	-
F (Albany-Schenectady-Troy SMSA).....			6	3	1
G (New York SMSA), total.....	14,972	7,765	74	16	8
G1 (Bronx County).....	263	156	7	-	-
G4 (New York County).....			5	-	-
G2 (Kings County).....			19	5	2
G3 (Nassau County).....	1,602	1,125	11	4	1
G8 (Suffolk County).....	2,143	1,003	1	-	-
G5 (Queens County).....	1,983	1,275	19	3	2
G7 (Rockland County).....	8,981	4,206	2	-	-
G9 (Westchester County).....			10	4	3
2.....	211	241	2	1	-
3.....			4	-	-
9.....			7	3	3
New Jersey.....	91,902	35,146	65	28	11
B (Newark SMSA).....	90,037	34,117	29	12	7
H (Jersey City SMSA).....			7	5	1
1.....			7	4	2
C (Trenton SMSA).....	575	338	3	2	-
D (Philadelphia SMSA-New Jersey portion) (See Pennsylvania).....			3	-	-
2.....			1	-	-
G (Paterson-Clifton-Passaic SMSA).....	1,290	691	15	5	1

See footnotes at end of table.

TABLE 11. Consumption of Bare Wire and Insulated Wire and Cable by Metal Fabricating Establishments and Number of Establishments Consuming Bare Wire and Insulated Wire and Cable, by States and State Economic Areas: 1963--Continued

Division, State, and State economic area ¹	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Number of establishments		
			Total	Consuming in excess of--	
				\$50,000	\$250,000
BARE WIRE (335725 and 335728)--Continued					
MIDDLE ATLANTIC--Continued					
Pennsylvania.....	26,407	14,485	88	42	14
A (Erie SMSA).....	8,672	4,454	3	2	1
1.....			6	3	2
C (Scranton SMSA).....			2	2	1
O (Binghamton SMSA-Pennsylvania portion) (See New York).....	821	618	1	-	-
2.....	10,307	5,031	2	-	-
D (Pittsburgh SMSA).....			23	12	4
E (Johnstown SMSA).....			1	-	-
4.....	355	238	2	1	-
5.....	355	364	1	1	-
G (Wilkes-Barre-Hazleton SMSA).....			2	1	-
H (Harrisburg SMSA).....			1	1	-
6.....	685	436	2	2	1
K (Lancaster SMSA).....			1	1	-
L (Reading SMSA).....			1	1	-
N (Philadelphia SMSA-Pennsylvania portion) (See New Jersey).....	2,215	1,303	30	8	1
M (Allentown-Bethlehem-Easton SMSA-Pennsylvania portion).....	1,988	1,359	4	4	3
3.....	1,009	682	6	4	1
EAST NORTH CENTRAL.....					
Ohio.....	203,124	92,946	337	143	60
A (Toledo SMSA).....	28,747	16,074	100	47	18
1.....	67	50	1	-	-
B (Columbus SMSA).....			3	-	-
C (Dayton SMSA).....			4	3	3
E (Cleveland SMSA).....	5,027	3,180	11	5	-
F (Akron SMSA).....	1,262	696	28	17	8
G (Canton SMSA).....	11,164	4,993	4	1	-
J (Steubenville-Weirton SMSA-Ohio portion).....	2,980	2,032	3	1	1
5.....			1	-	-
H (Youngstown SMSA).....			3	2	1
K (Cincinnati SMSA-Ohio portion) (See Kentucky).....	864	561	9	4	1
N (Springfield SMSA).....	829	406	11	2	-
R (Lima SMSA).....	3,896	2,585	2	1	1
2.....			1	1	-
3.....			3	1	1
M (Lorain-Elyria SMSA).....	771	407	4	2	-
4.....			1	1	-
6.....			5	2	-
Indiana.....	1,887	1,164	6	4	2
A (Gary-Hammond-East Chicago SMSA).....	76,459	29,471	34	17	12
1.....	6,946	3,143	1	1	1
B (South Bend SMSA).....			3	2	2
C (Fort Wayne SMSA).....			1	-	-
G (Anderson SMSA).....	65,382	22,924	3	1	1
H (Muncie SMSA).....			2	1	1
3.....			1	1	1
4.....	4,131	3,404	4	1	1
D (Indianapolis SMSA).....			6	3	2
E (Evansville SMSA-Indiana portion).....			3	1	1
5.....	60,923	28,170	1	-	-
6.....			1	1	1
9.....			7	5	1
Illinois.....	24,937	14,128	85	33	9
A (Davenport-Rock Island-Moline SMSA-Illinois portion) (See Iowa).....	24,098	13,575	74	30	9
B (Rockford SMSA).....	21,080	7,876	2	2	1
1.....			2	2	1
5.....			2	2	1
C (Chicago SMSA), total.....	24,937	14,128	85	33	9
C1 Cook County.....	24,098	13,575	74	30	9
C2 Du Page County.....	839	553	11	3	-
C3 Kane County.....					
C4 Lake County.....					
C5 McHenry County.....					
C6 Will County.....					

See footnotes at end of table.

TABLE 11. Consumption of Bare Wire and Insulated Wire and Cable by Metal Fabricating Establishments and Number of Establishments Consuming Bare Wire and Insulated Wire and Cable, by States and State Economic Areas: 1963--Continued

Division, State, and State economic area ¹	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Number of establishments		
			Total	Consuming in excess of--	
				\$50,000	\$250,000

BARE WIRE (335725 and 335728)—Continued					
EAST NORTH CENTRAL--Continued					
Illinois--Continued					
E (Springfield SMSA).....	14,906	6,166	2	1	-
F (St. Louis SMSA-Illinois portion) (See Missouri).....			2	1	-
4.....			1	-	-
6.....			5	4	2
10.....			2	-	-
Michigan.....	31,100	16,059	58	24	11
A (Saginaw SMSA).....	3,350	2,088	1	-	-
D (Rockford SMSA).....			4	-	-
K (Bay City SMSA).....			1	1	1
5.....	317	196	2	2	2
B (Grand Rapids SMSA).....			4	1	-
C (Muskegon-Muskegon Heights SMSA).....			2	-	-
F (Detroit SMSA), total.....	2,874	1,620	24	9	1
F1 Macomb County.....	159	105	7	-	-
F2 Oakland County.....	2,715	1,515	17	8	1
F3 Wayne County.....					
G (Kalamazoo SMSA).....	149	36	2	-	-
6.....			1	-	-
H (Jackson SMSA).....			1	-	-
J (Ann Arbor SMSA).....	23,683	11,474	3	3	3
7.....			3	3	1
9.....			5	2	2
2.....	429	264	3	2	-
3.....	8	6	1	-	-
4.....	290	375	1	1	1
Wisconsin.....	5,895	3,172	40	11	5
C (Milwaukee SMSA).....	4,681	2,359	23	7	4
D (Racine SMSA).....	813	556	9	3	1
4.....	401	257	1	-	-
7.....			4	1	-
8.....			3	-	-
WEST NORTH CENTRAL.....	27,151	12,810	53	19	5
Minnesota.....	968	569	15	3	-
B (Minneapolis-St. Paul SMSA).....	908	529	11	3	-
C (Fargo-Moorhead SMSA-Minnesota portion).....	60	40	1	-	-
6.....			1	-	-
7.....			2	-	-
Iowa.....	1,024	924	4	3	1
D (Davenport-Rock Island-Moline SMSA-Iowa portion) (See Illinois).....	1,024	924	1	-	-
F (Cedar Rapids SMSA).....			1	1	-
5.....			1	1	1
6.....	23,333	10,020	1	1	1
Missouri.....			27	9	2
A (Kansas City SMSA-Missouri portion).....			3	-	-
B (St. Louis SMSA-Missouri portion) (See Illinois).....	23,333	10,020	15	4	1
1.....			1	-	-
2.....			5	3	-
3.....			1	1	-
6.....			2	1	1
North Dakota.....	-	-	-	-	-
South Dakota.....	(D)	(D)	1	1	-
5.....	(D)	(D)	1	1	-

See footnotes at end of table.

TABLE 11. Consumption of Bare Wire and Insulated Wire and Cable by Metal Fabricating Establishments and Number of Establishments Consuming Bare Wire and Insulated Wire and Cable, by States and State Economic Areas: 1963--Continued

Division, State, and State economic area ¹	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Number of establishments		
			Total	Consuming in excess of--	
				\$50,000	\$250,000
BARE WIRE (335725 and 335728)--Continued					
WEST NORTH CENTRAL--Continued					
Nebraska.....	1,714	1,188	5	3	2
B (Omaha SMSA-Nebraska portion).....	1,714	1,188	1	1	1
C (Sioux City SMSA-Nebraska portion).....			1	-	-
2.....			2	1	-
3.....			1	1	1
Kansas.....	(D)	(D)	1	-	-
A (Wichita SMSA).....	(D)	(D)	1	-	-
SOUTH ATLANTIC.....					
Delaware.....	-	-	-	-	-
Maryland.....	5,928	3,106	8	2	2
A (Baltimore SMSA).....	5,928	3,106	6	1	1
C (Wilmington SMSA-Maryland portion).....			2	1	1
District of Columbia.....	(D)	(D)	1	-	-
A (Washington, D.C. SMSA-District of Columbia portion) (See Virginia).....	(D)	(D)	1	-	-
Virginia.....	707	475	8	1	1
A (Roanoke SMSA).....	680	453	1	-	-
B (Washington, D.C. SMSA-Virginia portion) (See District of Columbia).....			1	-	-
E (Newport News-Hampton SMSA).....			2	1	1
F (Lynchburg SMSA).....			1	-	-
1.....	27	22	1	-	-
5.....			1	-	-
7.....			1	-	-
West Virginia.....	1,460	798	2	2	1
A (Wheeling SMSA-West Virginia portion).....	1,460	798	1	1	1
4.....			1	1	-
North Carolina.....	2,256	1,275	14	4	2
A (Asheville SMSA).....	150	72	1	-	-
D (Charlotte SMSA).....			2	-	-
1.....			1	-	-
5.....			1	-	-
C (Greensboro-High Point SMSA).....	2,106	1,203	2	1	1
E.....			1	-	-
3.....			3	2	1
4.....			1	-	-
6.....			1	1	-
8.....			-	-	-
South Carolina.....	(D)	(D)	5	1	-
A (Columbia SMSA).....	(D)	(D)	1	-	-
D (Charleston SMSA).....			1	-	-
1.....			1	-	-
2.....			1	1	-
7.....			1	-	-
Georgia.....	7,661	4,624	6	4	2
B (Atlanta SMSA).....	7,661	4,624	3	2	-
1.....			1	1	1
3.....			1	-	-
4.....			1	1	1
Florida.....	605	368	11	2	-
A (Jacksonville SMSA).....	605	368	1	-	-
B (Tampa-St. Petersburg SMSA).....			3	-	-
C (Miami SMSA).....			2	-	-
F (West Palm Beach SMSA).....			1	-	-
G (Fort Lauderdale-Hollywood SMSA).....			1	1	-
2.....			1	-	-
5.....			1	1	-

See footnotes at end of table.

TABLE 11. Consumption of Bare Wire and Insulated Wire and Cable by Metal Fabricating Establishments and Number of Establishments Consuming Bare Wire and Insulated Wire and Cable, by States and State Economic Areas: 1963--Continued

Division, State, and State economic area ¹	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Number of establishments		
			Total	Consuming in excess of--	
				\$50,000	\$250,000

BARE WIRE (335725 and 335728)--Continued					
EAST SOUTH CENTRAL.....	15,603	7,654	32	13	7
Kentucky.....	(D)	(D)	11	3	2
A (Louisville SMSA-Kentucky portion) (See Indiana).....	(D)	(D)	2	-	-
3.....			1	-	-
B (Cincinnati SMSA-Kentucky portion) (See Ohio).....			2	-	-
6.....			2	-	-
1.....			1	-	-
4.....			1	1	1
7.....			1	1	1
9.....			1	1	-
Tennessee.....	10,301	4,417	11	5	2
A (Memphis SMSA-Tennessee).....	(D)	(D)	3	1	1
B (Nashville SMSA).....	56	84	2	-	-
D (Knoxville SMSA).....			1	1	-
6.....			1	-	-
1.....	(D)	(D)	1	1	1
8.....	239	231	3	2	-
Alabama.....	(D)	(D)	1	1	-
1.....	(D)	(D)	1	1	-
Mississippi.....	2,999	1,887	9	4	3
2.....	2,999	1,887	1	-	-
3.....			5	2	2
5.....			1	1	1
6.....			2	1	-
WEST SOUTH CENTRAL.....	14,536	6,934	30	12	6
Arkansas.....	2,419	1,514	8	5	3
A (Little Rock-North Little Rock SMSA).....	(D)	(D)	3	2	1
B (Fort Smith SMSA-Arkansas portion).....	(D)	(D)	1	1	-
1.....	(D)	(D)	1	-	-
3.....	(D)	(D)	1	1	1
7.....	(D)	(D)	1	-	-
8.....	(D)	(D)	1	1	1
Louisiana.....	-	-	-	-	-
Oklahoma.....	541	400	5	2	1
A (Tulsa SMSA).....	58	34	3	-	-
B (Oklahoma City SMSA).....	(D)	(D)	1	1	1
C (Lawton SMSA).....	(D)	(D)	1	1	-
Texas.....	11,576	5,020	17	5	2
B (Fort Worth SMSA).....	11,261	4,732	3	2	1
C (Dallas SMSA).....			4	1	-
8.....			3	1	1
E (Austin SMSA).....			2	-	-
G (Houston SMSA).....	315	287	4	1	-
14.....			1	-	-
MOUNTAIN.....	613	328	13	1	-
Montana.....	-	-	-	-	-
Idaho.....	-	-	-	-	-
Wyoming.....	(D)	(D)	1	-	-
2.....	(D)	(D)	1	-	-

See footnotes at end of table.

TABLE 11. Consumption of Bare Wire and Insulated Wire and Cable by Metal Fabricating Establishments and Number of Establishments Consuming Bare Wire and Insulated Wire and Cable, by States and State Economic Areas: 1963--Continued

Division, State, and State economic area ¹	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Number of establishments		
			Total	Consuming in excess of--	
				\$50,000	\$250,000
BARE WIRE (335725 and 335728)--Continued					
WEST SOUTH CENTRAL--Continued					
Colorado.....	457	230	6	1	-
A (Denver SMSA).....	457	230	3	1	-
C (Colorado Springs SMSA).....			1	-	-
3.....			2	-	-
New Mexico.....	(D)	(D)	1	-	-
A (Albuquerque SMSA).....	(D)	(D)	1	-	-
Arizona.....	(D)	(D)	2	-	-
A (Phoenix SMSA).....	(D)	(D)	2	-	-
Utah.....	(D)	(D)	3	-	-
A (Salt Lake City SMSA).....	(D)	(D)	3	-	-
Nevada.....	-	-	-	-	-
PACIFIC.....	28,925	13,697	129	38	8
Washington.....	(D)	(D)	6	1	-
A (Seattle SMSA).....	(D)	(D)	5	1	-
3.....	(D)	(D)	1	-	-
Oregon.....	416	402	5	2	-
A (Portland SMSA--Oregon portion).....	416	402	3	2	-
1.....			2	-	-
California.....	28,152	13,132	117	35	8
A (San Francisco-Oakland SMSA).....	12,045	4,455	11	6	2
B (San Jose SMSA).....	801	504	11	3	-
D (Stockton SMSA).....	50	24	2	-	-
4.....			1	-	-
E (Fresno SMSA).....			3	1	1
3.....	6,458	2,627	1	1	-
6.....			2	-	-
F (Anaheim Santa Ana-Garden Grove SMSA).....			11	2	-
G (San Diego SMSA).....	812	805	4	2	-
H (San Bernardino-Riverside-Ontario SMSA).....			3	1	-
J (Bakersfield SMSA).....			1	1	-
K (Santa Barbara SMSA).....	403	191	1	-	-
L (Los Angeles SMSA).....	7,583	4,526	66	18	5
Alaska.....	-	-	-	-	-
Hawaii.....	(D)	(D)	1	-	-
A (Honolulu SMSA).....	(D)	(D)	1	-	-
INSULATED WIRE AND CABLE (335790)					
UNITED STATES, TOTAL ¹	4,474,130	341,871	2,469	780	287
NEW ENGLAND.....	29,286	21,678	184	63	18
Maine.....	(D)	(D)	3	1	-
A (Includes Portland) ³	(D)	(D)	1	-	-
3.....			1	-	-
4.....			1	1	-
New Hampshire.....	1,089	974	15	4	1
A (Includes Manchester) ³	326	232	6	2	-
1.....	763	(D)	2	1	-
2.....			7	1	1

See footnotes at end of table.

TABLE 11. Consumption of Bare Wire and Insulated Wire and Cable by Metal Fabricating Establishments and Number of Establishments Consuming Bare Wire and Insulated Wire and Cable, by States and State Economic Areas: 1963--Continued

Division, State, and State economic area ¹	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Number of establishments		
			Total	Consuming in excess of--	
				\$50,000	\$250,000
	INSULATED WIRE AND CABLE (335790)--Continued				
NEW ENGLAND--Continued					
Vermont.....	(D)	(D)	3	-	-
1.....	(D)	(D)	2	-	-
2.....			1	-	-
Massachusetts.....	17,730	11,687	77	27	7
A (Includes Springfield and Holyoke) ³	7,428	4,374	9	4	1
B (Includes Fitchburg, Leominster and Worcester) ³			2	-	-
1.....	9,937	7,045	3	3	1
C (Includes Boston, Haverhill, Lawrence, and Lowell) ³			56	18	5
D (Includes Brockton) ³	365	268	4	1	-
E (Includes Fall River and New Bedford) ³			3	1	-
Rhode Island.....	2,051	2,214	13	5	4
A (Includes Providence) ³	2,051	2,214	12	5	4
1.....			1	-	-
Connecticut.....	8,079	6,564	74	26	6
A (Includes Bridgeport and Stamford) ³	2,856	2,280	25	11	3
B (Includes New Haven and Waterbury) ³	3,917	3,032	15	5	2
2.....			7	2	1
C (Includes Hartford and New Bedford) ³	692	725	22	5	-
1.....	614	527	5	3	-
MIDDLE ATLANTIC.....	104,402	77,065	540	166	66
New York.....	45,686	36,076	250	73	30
A (Buffalo SMSA).....	8,006	5,881	19	9	3
B (Rochester SMSA).....	9,421	5,720	15	6	3
C (Syracuse SMSA).....	1,123	1,262	11	3	1
D (Utica-Rome SMSA).....	1,702	1,780	3	2	1
6.....			5	1	1
7.....	4,345	4,148	1	-	-
E (Binghamton SMSA-New York portion) (See Pennsylvania).....			8	6	3
F (Albany-Schenectady-Troy SMSA).....	8,113	4,359	7	4	4
9.....			11	7	2
G (New York SMSA), total.....	10,107	10,593	153	26	8
G1 (Bronx County).....	285	154	11	-	-
G2 (Kings County).....	3,837	3,743	33	5	3
G6 (Richmond County).....			2	1	1
G3 (Nassau County).....	691	2,531	28	3	2
G4 (New York County).....	501	351	21	1	-
G5 (Queens County).....	1,569	1,505	36	10	-
G8 (Suffolk County).....	349	429	14	3	-
G9 (Westchester County).....	2,875	1,880	8	3	2
2.....	1,007	1,024	7	4	2
3.....	1,862	1,309	7	4	2
4.....			3	1	-
New Jersey.....	17,666	13,257	135	33	13
A (Allentown-Bethlehem-Easton SMSA-New Jersey portion) (See Pennsylvania).....	1,164	1,153	2	2	-
1.....			20	6	1
B (Newark SMSA).....	4,284	3,426	50	10	3
C (Trenton SMSA).....	2,219	1,873	8	2	-
D (Philadelphia SMSA-New Jersey portion) (See Pennsylvania).....			7	1	1
E (Atlantic City SMSA).....	6,761	4,719	1	-	-
2.....			1	-	-
G (Paterson-Clifton-Passaic SMSA).....	6,761	4,719	33	7	4
H (Jersey City SMSA).....	3,238	2,086	13	5	4

See footnotes at end of table.

TABLE 11. Consumption of Bare Wire and Insulated Wire and Cable by Metal Fabricating Establishments and Number of Establishments Consuming Bare Wire and Insulated Wire and Cable, by States and State Economic Areas: 1963--Continued

Division, State, and State economic area ¹	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Number of establishments		
			Total	Consuming in excess of--	
				\$50,000	\$250,000
INSULATED WIRE AND CABLE (335790)--Continued					
MIDDLE ATLANTIC--Continued					
Pennsylvania.....	41,050	27,732	155	60	23
A (Erie SMSA).....	10,525	7,071	4	3	3
1.....			5	3	2
C (Scranton SMSA).....			5	2	2
G (Wilkes-Barre-Hazleton SMSA).....			3	2	-
O (Binghamton SMSA-Pennsylvania portion) (See New York).....			1	-	-
2.....	3,453	2,660	1	1	-
6.....			1	1	-
D (Pittsburgh SMSA).....			26	13	5
E (Johnstown SMSA).....			1	1	-
4.....			5	2	-
H (Harrisburg SMSA).....	118	80	4	-	-
J (York SMSA).....			3	2	2
L (Reading SMSA).....			3	1	-
7.....			2	1	-
K (Lancaster SMSA).....			6	1	-
M (Allentown-Bethlehem-Easton SMSA-Pennsylvania portion) (See New Jersey).....	210	140			
N (Philadelphia SMSA-Pennsylvania portion) (See New Jersey).....	4,100	747	9	5	1
3.....	7,631	5,258	66	18	5
5.....	424	266	5	1	-
	1,070	1,037	5	3	2
EAST NORTH CENTRAL.....					
Ohio.....	230,318	154,655	780	314	118
A (Toledo SMSA).....	58,087	37,996	202	70	34
1.....			6	2	2
B (Columbus SMSA).....			7	2	2
C (Dayton SMSA).....			9	4	1
E (Cleveland SMSA).....			17	6	5
F (Akron SMSA).....	16,017	10,445	61	25	9
G (Canton SMSA).....			8	2	-
H (Youngstown SMSA).....			7	3	2
K (Cincinnati SMSA-Ohio portion) (See Kentucky).....			9	2	1
M (Lorain-Elyria SMSA).....			16	3	1
N (Springfield SMSA).....	3,832	2,121	9	2	1
R (Lima SMSA).....			4	1	1
2.....			6	2	1
3.....			10	6	3
4.....			6	-	-
5.....	99	83	12	4	3
6.....			5	1	-
7.....			9	4	2
8.....			1	1	-
Indiana.....	88,332	54,630	108	51	25
A (Gary-Hammond-East Chicago SMSA).....	381	303	3	-	-
2.....			3	2	-
B (South Bend SMSA).....			9	2	2
C (Fort Wayne SMSA).....			10	8	6
3.....			13	11	4
D (Indianapolis SMSA).....	20,056	11,339	19	7	3
G (Anderson SMSA).....			3	2	2
H (Muncie SMSA).....			1	-	-
4.....			9	3	1
5.....			2	1	-
6.....	59,778	37,827	12	8	4
7.....			3	-	-
E (Evansville SMSA-Indiana portion).....			2	2	1
1.....			15	4	2
3.....			4	1	-
Illinois.....	46,868	38,868	249	110	10
A (Davenport-Rock Island-Moline SMSA Illinois portion) (See Iowa).....	1,849	1,277	2	1	-
D (Peoria SMSA).....			1	-	-
3.....			3	1	1
5.....			3	-	-

See footnotes at end of table.

TABLE 11. Consumption of Bare Wire and Insulated Wire and Cable by Metal Fabricating Establishments and Number of Establishments Consuming Bare Wire and Insulated Wire and Cable, by States and State Economic Areas: 1963--Continued

Division, State, and State economic area ¹	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Number of establishments				
			Total	Consuming in excess of--			
				\$50,000	\$250,000		
INSULATED WIRE AND CABLE (335790)--Continued							
EAST NORTH CENTRAL--Continued							
Illinois--Continued							
B (Rockford SMSA).....	298	153	5	1	-		
C (Chicago SMSA), total.....	31,778	27,655	200	82	21		
C1 (Cook County).....	29,838	25,520	171	70	20		
C2 (Du Page County).....	1,940	2,135	29	12	1		
C3 (Kane County).....							
C4 (Lake County).....							
C5 (McHenry County).....							
C6 (Will County).....							
E (Springfield SMSA).....	1,109	552	3	-	-		
F (St. Louis SMSA-Illinois portion) (See Missouri).....			1	1	1		
G (Decatur SMSA).....			1	1	-		
4.....			1	-	-		
H (Champaign-Urbana SMSA).....	7,604	4,004	1	-	-		
6.....	3,107	4,296	13	10	3		
1.....			8	7	5		
7.....			1	1	1		
8.....			1	-	-		
9.....	1,123	931	2	2	2		
10.....			3	-	-		
Michigan.....	18,162	12,151	132	42	9		
A (Saginaw SMSA).....	1,023	809	3	-	-		
D (Flint SMSA).....			5	3	-		
K (Bay City SMSA).....			4	1	-		
8.....			3	-	-		
B (Grand Rapids SMSA).....	4,433	2,345	16	7	1		
C (Muskegon-Muskegon Heights SMSA).....	868	193	4	2	-		
E (Lansing SMSA).....	221	202	4	-	-		
H (Jackson SMSA).....			2	2	-		
J (Ann Arbor SMSA).....			3	-	-		
F (Detroit SMSA), total.....	3,566	1,135	43	7	-		
F1 (Macomb County).....	1,080	731	18	6	-		
F2 (Oakland County).....							
F3 (Wayne County).....							
G (Kalamazoo SMSA).....							
6.....	2,419	2,049	2	-	-		
1.....	78	48	10	5	3		
2.....			1	-	-		
3.....			2	-	-		
4.....			2	-	-		
5.....	1,883	2,374	6	3	2		
7.....	815	477	7	2	1		
9.....			5	1	1		
			2,856	2,519	10	9	1
Wisconsin.....			18,869	11,010	89	41	15
B (Madison SMSA).....	2,090	1,470	1	-	-		
8.....			11	6	1		
C (Milwaukee SMSA).....			37	21	9		
D (Racine SMSA).....			10	1	-		
F (Kenosha SMSA).....	1,582	932	1	1	-		
1.....			2	-	-		
4.....			3	1	1		
6.....			4	-	-		
2.....	1,009	652	4	3	1		
7.....	3,220	2,354	16	8	3		
WEST NORTH CENTRAL.....							
Minnesota.....	6,671	4,049	51	13	5		
A (Duluth-Superior SMSA-Minnesota portion).....	30	40	1	-	-		
C (Fargo-Moorhead SMSA-Minnesota portion).....			1	-	-		
1.....			2	-	-		
B (Minneapolis-St. Paul SMSA).....			6,103	3,503	38	9	5

See footnotes at end of table.

TABLE 11. Consumption of Bare Wire and Insulated Wire and Cable by Metal Fabricating Establishments and Number of Establishments Consuming Bare Wire and Insulated Wire and Cable, by States and State Economic Areas: 1963--Continued

Division, State, and State economic area ¹	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Number of establishments		
			Total	Consuming in excess of--	
				\$50,000	\$250,000
INSULATED WIRE AND CABLE (335790)--Continued					
WEST NORTH CENTRAL--Continued					
Minnesota--Continued					
6.....	206	336	4	3	-
7.....	332	170	4	1	-
8.....			1	-	-
Iowa.....	1,871	2,276	28	7	2
A (Sioux City SMSA-Iowa portion) (See Nebraska).....	532	419	2	1	-
1.....			2	1	-
C (Des Moines SMSA).....			2	-	-
D (Davenport-Rock Island-Moline SMSA-Iowa portion) (See Illinois).....	690	1,376	1	1	-
F (Cedar Rapids SMSA).....			3	2	1
3.....			3	-	-
5.....			3	-	-
6.....			2	-	-
E (Waterloo SMSA).....	57	57	2	-	-
4.....			3	-	-
2.....	592	433	5	2	1
Missouri.....	18,665	14,109	63	28	13
A (Kansas City SMSA-Missouri portion) (See Kansas).....	927	769	13	3	1
B (St. Louis SMSA-Missouri portion) (See Illinois).....	14,611	10,253	38	18	9
2.....			5	3	1
3.....			1	1	1
4.....	3,117	3,087	1	-	-
6.....			4	2	1
9.....			1	1	-
North Dakota.....	-	-	-	-	-
South Dakota.....	(D)	(D)	2	-	-
2.....	(D)	(D)	1	-	-
4.....	(D)	(D)	1	-	-
Nebraska.....	(D)	(D)	7	1	1
A (Lincoln SMSA).....			1	-	-
B (Omaha SMSA-Nebraska portion).....	(D)	(D)	3	1	1
2.....			1	-	-
6.....			1	-	-
7.....			1	-	-
Kansas.....	391	697	12	1	1
A (Wichita SMSA).....	(D)	(D)	4	1	1
2.....	(D)	(D)	3	-	-
3.....	(D)	(D)	2	-	-
8.....	(D)	(D)	3	-	-
SOUTH ATLANTIC.....	20,115	13,551	240	44	15
Delaware.....	(D)	(D)	2	1	-
A (Wilmington SMSA-Delaware portion) (See Maryland).....	(D)	(D)	2	1	-
Maryland.....	10,514	5,862	35	14	6
A (Baltimore SMSA).....	9,527	5,008	22	9	5
B (Washington, D.C. SMSA-Maryland portion) (See District of Columbia and Virginia).....	105	211	6	2	1
C (Wilmington SMSA-Maryland portion) (See Delaware).....	882	643	2	2	-
2.....			2	1	-
4.....			3	-	-

See footnotes at end of table.

TABLE 11. Consumption of Bare Wire and Insulated Wire and Cable by Metal Fabricating Establishments and Number of Establishments Consuming Bare Wire and Insulated Wire and Cable, by States and State Economic Areas: 1963--Continued

Division, State, and State economic area ¹	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Number of establishments		
			Total	Consuming in excess of--	
				\$50,000	\$250,000
INSULATED WIRE AND CABLE (335790)--Continued					
SOUTH ATLANTIC--Continued					
District of Columbia.....	(D)	(D)	1	-	-
A (Washington, D.C. SMSA-District of Columbia portion) (See Maryland and Virginia).....	(D)	(D)	1	-	-
Virginia.....	1,410	1,303	21	7	2
A (Roanoke SMSA).....	(D)	(D)	1	1	-
B (Washington, D.C. SMSA-Virginia portion) (See Maryland and District of Columbia).....	67	74	4	1	-
E (Newport News-Hampton SMSA).....	(D)	(D)	2	1	-
F (Lynchburg SMSA).....	}	(D)	{	2	1
1.....				1	-
2.....				1	-
7.....				2	-
4.....				4	3
5.....	(D)	(D)	2	-	-
West Virginia.....	313	251	10	1	-
A (Wheeling SMSA-West Virginia portion).....	(D)	(D)	1	-	-
B (Huntington-Ashland SMSA-West Virginia portion).....	(D)	(D)	1	-	-
1.....	(D)	(D)	1	-	-
2.....	(D)	(D)	1	1	-
3.....	(D)	(D)	1	-	-
4.....	95	111	4	-	-
5.....	(D)	(D)	1	-	-
North Carolina.....	2,468	1,641	22	6	1
A (Asheville SMSA).....	}	266	{	2	-
B (Winston-Salem SMSA).....				1	-
C (Greensboro-High Point SMSA).....				2	1
D (Charlotte SMSA).....				3	1
E (Raleigh SMSA).....				3	3
1.....	}	380	{	2	1
3.....				1	-
4.....				2	-
5.....				1	-
6.....				1	-
8.....	}	1,822	{	2	-
9.....				2	-
				2	-
South Carolina.....	(D)	(D)	4	3	2
D (Greenville SMSA).....	(D)	(D)	1	1	1
1.....	(D)	(D)	1	1	-
2.....	(D)	(D)	2	1	-
Georgia.....	2,527	1,716	17	6	3
B (Atlanta SMSA).....	713	487	6	2	1
F (Macon SMSA).....	}	143	{	1	-
G (Albany SMSA).....				1	-
7.....				2	-
8.....				2	1
1.....				1	1
3.....	}	1,671	{	2	2
4.....				2	-
Florida.....	1,731	1,301	28	6	1
B (Tampa-St. Petersburg SMSA).....	265	294	6	1	-
C (Miami SMSA).....	32	53	5	-	-
E (Orlando SMSA).....	}	951	{	3	2
4.....				1	-
5.....				3	1
F (West Palm Beach SMSA).....				3	1
G (Fort Lauderdale-Hollywood SMSA).....				3	-
6.....	}	239	{	1	-
2.....				1	-
3.....				244	156

See footnotes at end of table.

TABLE 11. Consumption of Bare Wire and Insulated Wire and Cable by Metal Fabricating Establishments and Number of Establishments Consuming Bare Wire and Insulated Wire and Cable, by States and State Economic Areas: 1963--Continued

Division, State, and State economic area ¹	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Number of establishments			
			Total	Consuming in excess of--		
				\$50,000	\$250,000	
INSULATED WIRE AND CABLE (335790)--Continued						
EAST SOUTH CENTRAL.....	18,225	12,222	73	37	14	
Kentucky.....	7,483	4,633	23	12	3	
A (Louisville SMSA-Kentucky portion).....	2,487	1,794	9	6	1	
B (Cincinnati SMSA-Kentucky portion) (See Ohio).....			2	1	-	
6.....			2	1	1	
7.....			2	1	-	
1.....			(D)	(D)	1	-
3.....			(D)	(D)	2	1
4.....			(D)	(D)	4	2
9.....			(D)	(D)	1	-
Tennessee.....	7,094	4,515	31	13	6	
A (Memphis SMSA).....	123	75	3	-	-	
B (Nashville SMSA).....	4,983	2,545	4	1	-	
4.....			2	-	-	
5.....			3	2	1	
6.....			2	2	1	
C (Chattanooga SMSA-Tennessee portion).....			3	-	-	
D (Knoxville SMSA).....			2	1	-	
8.....	901	1,115	8	3	3	
1.....	1,087	780	3	3	1	
2.....			1	1	-	
Alabama.....	1,714	1,038	9	3	2	
A (Birmingham SMSA).....	1,714	1,038	1	1	1	
D (Mobile SMSA).....			3	1	-	
E (Gadsden SMSA).....			1	1	1	
F (Huntsville SMSA).....			1	-	-	
1.....			1	-	-	
9.....			2	-	-	
Mississippi.....	1,934	2,036	10	9	3	
2.....	(D)	(D)	1	1	-	
3.....	(D)	(D)	1	1	-	
4.....	(D)	(D)	2	2	-	
5.....	(D)	(D)	2	1	-	
6.....	1,171	678	3	3	2	
8.....	(D)	(D)	1	1	1	
WEST SOUTH CENTRAL.....	14,997	14,092	94	23	13	
Arkansas.....	6,500	3,556	15	6	4	
A (Little Rock-North Little Rock-SMSA).....	394	197	4	1	-	
D (Pine Bluff SMSA).....	(D)	(D)	1	1	1	
3.....	(D)	(D)	1	-	-	
5.....	(D)	(D)	1	-	-	
6.....	(D)	(D)	1	-	-	
7.....	4,752	2,640	6	3	3	
8.....	(D)	(D)	1	1	-	
Louisiana.....	66	76	7	-	-	
A (Shreveport SMSA).....	66	76	2	-	-	
B (New Orleans SMSA).....			3	-	-	
F (Monroe SMSA).....			1	-	-	
6.....			1	-	-	
Oklahoma.....	2,726	2,735	11	3	-	
A (Tulsa SMSA).....	2,726	2,735	7	2	2	
B (Oklahoma City SMSA).....			2	1	1	
2.....			1	-	-	
4.....			1	-	-	
Texas.....	5,705	7,725	61	14	-	
B (Fort Worth SMSA).....	255	435	2	-	1	
C (Dallas SMSA).....	937	1,090	17	4	-	

See footnotes at end of table.

TABLE 11. Consumption of Bare Wire and Insulated Wire and Cable by Metal Fabricating Establishments and Number of Establishments Consuming Bare Wire and Insulated Wire and Cable, by States and State Economic Areas: 1963--Continued

Division, State, and State economic area ¹	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Number of establishments		
			Total	Consuming in excess of--	
				\$50,000	\$250,000
INSULATED WIRE AND CABLE (335790)--Continued					
WEST SOUTH CENTRAL--Continued					
Texas--Continued					
E (Austin SMSA).....	4,189	5,726	2	-	-
H (Beaumont-Port Arthur SMSA).....			2	-	-
J (Amarillo SMSA).....			1	-	-
K (Wichita Falls SMSA).....			1	-	-
L (Lubbock SMSA).....			1	-	-
M (Galveston SMSA).....			1	-	-
N (Corpus Christi SMSA).....			1	-	-
P (San Angelo SMSA).....			1	1	-
W (Tyler SMSA).....			1	-	-
X (Texarkana SMSA-Texas portion).....			1	1	-
2.....			1	-	-
6.....			1	-	-
8.....			7	3	1
12.....			2	1	1
14.....			1	-	-
G (Houston SMSA).....	324	474	10	2	1
MOUNTAIN.....					
Montana.....	1,861	1,353	35	5	1
Idaho.....	56	33	3	-	-
A (Boise City SMSA).....	56	33	2	-	-
3.....			1	-	-
Wyoming.....	-	-	-	-	-
Colorado.....	1,310	927	16	3	1
A (Denver SMSA).....	1,310	927	10	1	-
C (Colorado Springs SMSA).....			3	1	1
3.....			3	1	-
New Mexico.....	24	39	3	-	-
A (Albuquerque SMSA).....	24	39	2	-	-
1.....			1	-	-
Arizona.....	379	280	6	2	-
A (Phoenix SMSA).....	(D)	(D)	5	2	-
1.....			1	-	-
Utah.....	(D)	(D)	6	-	-
A (Salt Lake City SMSA).....	(D)	(D)	6	-	-
Nevada.....	(D)	(D)	1	-	-
B (Reno SMSA).....	(D)	(D)	1	-	-
PACIFIC.....					
Washington.....	25,712	24,404	360	78	20
A (Seattle SMSA).....	243	299	17	2	-
B (Tacoma SMSA).....	226	288	11	2	-
C (Portland SMSA-Washington portion) (See Oregon).....	17	11	2	-	-
D (Spokane SMSA).....			1	-	-
4.....			2	-	-
			1	-	-
Oregon.....	(D)	(D)	11	1	1
A (Portland SMSA-Oregon portion) (See Washington).....	(D)	(D)	6	1	1
1.....	(D)	(D)	1	-	-
2.....	(D)	(D)	4	-	-

See footnotes at end of table.

TABLE 11. Consumption of Bare Wire and Insulated Wire and Cable by Metal Fabricating Establishments and Number of Establishments Consuming Bare Wire and Insulated Wire and Cable, by States and State Economic Areas: 1963--Continued

Division, State, and State economic area ¹	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Number of establishments		
			Total	Consuming in excess of--	
				\$50,000	\$250,000
INSULATED WIRE AND CABLE (335790)--Continued					
PACIFIC--Continued					
California.....	24,896	23,706	331	75	19
A (San Francisco-Oakland SMSA).....	4,694	2,413	45	10	2
B (San Jose SMSA).....	1,352	3,145	18	7	3
E (Fresno SMSA).....	1,821	1,038	1	-	-
J (Bakersfield SMSA).....			2	-	-
3.....			2	1	1
5.....			2	-	-
6.....			3	1	1
7.....			2	-	-
F (Anaheim Santa Ana-Garden State SMSA).....	996	1,054	23	6	-
G (San Diego SMSA).....	457	594	11	3	-
H (San Bernardino-Riverside-Ontario SMSA).....	1,751	1,652	14	5	3
K (Santa Barbara SMSA).....	70	98	4	-	-
L (Los Angeles SMSA).....	13,692	13,676	201	42	9
M (Vallejo-Napa SMSA).....	63	36	2	-	-
2.....			1	-	-
Alaska.....	-	-	-	-	-
Hawaii.....	(D)	(D)	1	-	-

(D) Withheld to avoid disclosing operations of individual companies. - Represents zero.

¹A description of the State economic areas and a list of the counties included in each area are given in the appendix to this report. Standard Metropolitan Statistical Areas (SMSA) are identified by capital letters and the SMSA title is shown in parentheses. Nonmetropolitan areas are identified by figures. Also, see footnote 3.

²See footnote 2 table 7.

³In New England, Standard Metropolitan Statistical Areas (SMSA) are defined on a city or town rather than a county basis. Therefore, the geographic units identified by capital letters do not represent SMSA's but represent areas which contain one or more of the central cities of SMSA's. The central cities are shown in parentheses.

⁴The data shown in this table represent purchases by consumers from other establishments including interplant transfers between establishments operated by the same company. Statistics on the quantities of insulated wire and cable produced and consumed in insulating plants in the production of fabricated products are excluded.

TABLE 12. Consumption of Aluminum and Aluminum-Base Alloy Mill Shapes and Forms, by Selected Industry Groups and Industries: 1963

Code	Industry group and industry ¹	Total		Sheet, plate, and foil (335202, 335203, and 335231)		Extruded shapes ² (335205)		All other aluminum mill shapes and forms ³ (33207, 335208, and 335209)	
		Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost
		(1,000 pounds)	(\$1,000)	(1,000 pounds)	(\$1,000)	(1,000 pounds)	(\$1,000)	(1,000 pounds)	(\$1,000)
	Metal fabricating industries, total ³	42,780,034	1,309,845	41,456,771	664,861	4806,747	393,587	4516,516	251,397
24	Lumber and wood products.....	9,691	5,357	(X)	(X)	4,853	2,780	4,838	2,577
25	Furniture and fixtures.....	107,283	46,505	19,615	7,971	33,839	12,756	53,829	25,778
26	Paper and allied products.....	30,142	14,373	30,142	14,373	(X)	(X)	(X)	(X)
33	Primary metal industries.....	83,706	32,583	(X)	(X)	(X)	(X)	583,706	532,583
34	Fabricated metal products.....	1,387,081	574,305	747,397	304,529	480,501	198,920	159,183	70,856
35	Machinery, except electrical.....	6194,233	6101,313	6123,797	656,580	634,880	625,323	635,556	619,410
36	Electrical machinery.....	265,526	141,864	135,296	70,369	72,018	43,592	58,212	27,903
37	Transportation equipment.....	514,553	292,176	322,253	170,458	145,082	94,352	47,218	27,366
38	Instruments and related products.....	16,838	9,947	3,429	2,549	4,134	3,180	9,275	4,218
39	Miscellaneous manufacturing.....	24,854	14,537	(X)	(X)	(X)	(X)	24,854	14,537
19	Ordnance and accessories.....	761,609	739,147	710,551	77,689	712,261	76,058	738,797	725,400
24	Lumber and wood products.....	9,691	5,357	(X)	(X)	4,853	2,780	4,838	2,577
243	Millwork and related products.....	9,691	5,357	(X)	(X)	4,853	2,780	4,838	2,577
2431	Millwork plants.....	7,364	4,505	-	-	4,853	2,780	2,511	1,725
2433	Prefabricated wood products.....	2,327	852	(X)	(X)	(X)	(X)	2,327	852
25	Furniture and fixtures.....	107,283	46,505	19,615	7,971	33,839	12,756	53,829	25,778
2514	Metal household furniture.....	(NA)	30,928	(NA)	4,896	31,833	11,240	32,869	14,792
2522	Metal office furniture.....	4,395	2,648	(X)	(X)	(X)	(X)	4,395	2,648
2531	Public building furniture.....	(NA)	2,576	(X)	(X)	(X)	(X)	(NA)	2,576
254	Partitions and fixtures.....	7,649	3,767	(X)	(X)	(X)	(X)	7,649	3,767
2541	Wood partitions and fixtures.....	(NA)	1,255	(X)	(X)	(X)	(X)	(NA)	1,255
2542	Metal partitions and fixtures.....	5,124	2,512	(X)	(X)	(X)	(X)	5,124	2,512
259	Furniture and fixtures, n.e.c.....	12,929	6,586	(NA)	3,075	2,006	1,516	(NA)	1,995
2591	Venetian blinds and shades.....	(NA)	5,599	(NA)	3,075	2,006	1,516	(NA)	1,008
2599	Furniture and fixtures, n.e.c.....	(NA)	987	(X)	(X)	(X)	(X)	(NA)	987
26	Paper and allied products.....	30,142	14,373	30,142	14,373	(X)	(X)	(X)	(X)
265	Paperboard containers and boxes.....	30,142	14,373	30,142	14,373	(X)	(X)	(X)	(X)
2651	Folding paperboard boxes.....	(D)	(D)	(D)	(D)	(X)	(X)	(X)	(X)
2652	Set-up paperboard boxes.....	(D)	(D)	(D)	(D)	(X)	(X)	(X)	(X)
2653	Corrugated shipping containers.....	(D)	(D)	(D)	(D)	(X)	(X)	(X)	(X)
2654	Sanitary food containers.....	(D)	(D)	(D)	(D)	(X)	(X)	(X)	(X)
2655	Fiber cans, tubes, drums, etc.....	25,605	11,903	25,605	11,903	(X)	(X)	(X)	(X)
33	Primary metal industries.....	83,706	32,583	(X)	(X)	(X)	(X)	583,706	532,583
3357	Nonferrous wire drawing, etc.....	13,789	4,581	(X)	(X)	(X)	(X)	513,789	54,581
339	Primary metal industries, n.e.c.....	69,917	28,002	(X)	(X)	(X)	(X)	569,917	528,002
3391	Iron and steel forgings.....	3,125	1,914	(X)	(X)	(X)	(X)	53,125	51,914
3392	Nonferrous forgings.....	66,792	26,088	(X)	(X)	(X)	(X)	566,792	526,088
34	Fabricated metal products.....	1,387,081	574,305	747,397	304,529	480,501	198,920	159,183	70,856
3411	Metal cans.....	115,190	35,412	(D)	(D)	(D)	(D)	(D)	(D)
342	Cutlery, hand tools, hardware.....	(D)	(D)	(D)	(D)	18,731	9,653	(D)	(D)
3421	Cutlery.....	2,755	1,219	(D)	(D)	(D)	(D)	(D)	(D)
3423	Hand and edge tools.....	4,498	1,989	3,261	1,297	773	453	464	239
3425	Hand saws and saw blades.....	(D)	(D)	-	-	(D)	(D)	-	-
3429	Hardware, n.e.c.....	49,822	23,646	25,110	11,346	16,351	7,841	8,361	4,459
343	Plumbing and heating, except electric..	(D)	(D)	17,186	7,030	(D)	(D)	(D)	(D)
3431	Metal plumbing fixtures.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3432	Plumbing fittings, brass goods.....	1,066	553	(D)	(D)	675	405	(D)	(D)
3433	Heating equipment, except electric..	18,252	7,423	16,787	6,798	708	439	757	186
344	Structural metal products.....	754,310	299,585	250,344	100,497	401,520	158,119	102,446	40,969
3441	Fabricated structural steel.....	25,202	12,435	11,603	5,950	10,155	4,695	3,444	1,790
3442	Metal doors, sash, and trim.....	455,984	173,718	68,545	26,048	334,549	128,054	52,890	19,616
3443	Boiler shop products.....	23,241	12,690	18,668	10,433	1,973	1,125	2,600	1,132
3444	Sheet metal work.....	178,976	69,865	118,986	44,512	19,159	8,524	40,831	16,829
3446	Architectural metal work.....	24,728	11,582	5,234	2,581	17,461	7,697	2,033	1,304
3449	Miscellaneous metal work, n.e.c.....	46,179	19,295	27,308	10,973	18,223	8,024	648	298

See footnotes at end of table

TABLE 12. Consumption of Aluminum and Aluminum-Base Alloy Mill Shapes and Forms, by Selected Industry Groups and Industries: 1963--Continued

Code	Industry group and industry ¹	Total		Sheet, plate, and foil (335202, 335203, and 335231)		Extruded shapes ² (335231)		All other aluminum mill shapes and forms ² (335207, 335208, and 335209)	
		Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost
		(1,000 pounds)	(\$1,000)	(1,000 pounds)	(\$1,000)	(1,000 pounds)	(\$1,000)	(1,000 pounds)	(\$1,000)
34	Fabricated metal products--Con.								
345	Screw machine products, bolts, etc....	27,450	16,669	2,658	1,314	9,473	5,660	15,319	9,695
3451	Screw machine products.....	11,346	7,469	296	184	7,266	4,684	3,784	2,601
3452	Bolts, nuts, rivets, and washers....	16,104	9,200	2,362	1,130	2,207	976	11,535	7,094
3461	Metal stampings.....	246,636	109,119	212,435	92,326	24,393	12,146	9,808	4,641
3481	Fabricated wire products, n.e.c.....	20,474	7,375	6,191	1,913	6,906	2,138	7,377	3,324
349	Fabricated metal products, n.e.c.....	145,355	70,054	(D)	(D)	(D)	(D)	(D)	(D)
3494	Valves and pipe fittings.....	13,007	6,953	600	366	1,975	1,374	10,432	5,213
3497	Metal foil and leaf.....	105,404	48,488	(D)	(D)	(D)	(D)	(D)	(D)
3498	Fabricated pipe and fittings.....	5,954	3,909	223	134	4,895	3,193	836	582
3499	Fabricated metal products, n.e.c.....	20,990	10,704	6,943	3,572	10,934	5,687	3,113	1,445
35	Machinery, except electrical.....	619,233	610,313	6123,797	656,580	634,880	625,232	635,556	619,410
351	Engines and turbines.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3511	Steam engines and turbines.....	635	335	224	112	(D)	(D)	(D)	(D)
3519	Internal combustion engines.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3522	Farm machinery and equipment.....	14,538	7,400	6,902	2,996	3,595	2,610	4,041	1,794
353	Construction and like equipment.....	12,193	6,847	6,163	3,156	(D)	(D)	(D)	(D)
3531	Construction machinery.....	4,318	2,214	2,462	1,248	1,641	846	215	120
3532	Mining machinery and equipment.....	376	250	97	58	(D)	(D)	(D)	(D)
3533	Oil field machinery.....	852	660	198	139	431	380	223	141
3534	Elevators and moving stairways.....	601	302	85	45	439	224	---	3?
3535	Conveyors.....	3,336	1,909	1,448	677	1,669	1,037	219	195
3536	Hoists, cranes, and monorails.....	790	472	471	264	284	179	35	29
3537	Industrial trucks and tractors.....	1,920	1,040	1,402	725	473	273	45	42
354	Metalworking machinery.....	11,547	7,674	4,775	3,455	(D)	(D)	(D)	(D)
3541	Metal-cutting machine tools.....	1,395	1,085	1,093	840	182	147	120	98
3542	Metal-forming machine tools.....	(NA)	409	393	265	57	56	(NA)	88
3544	Special dies and tools.....	4,815	3,177	2,277	1,655	1,509	1,029	1,029	493
3545	Machine tool accessories.....	1,733	1,222	286	94	(D)	(D)	(D)	(D)
3548	Metalworking machinery, n.e.c.....	3,006	1,781	726	601	108	71	2,172	1,109
355	Special industry machinery.....	19,104	11,277	(D)	(D)	(D)	(D)	(D)	(D)
3551	Food products machinery.....	3,652	2,006	2,167	1,189	686	400	799	417
3552	Textile machinery.....	4,221	2,899	1,156	857	1,446	1,099	1,619	943
3553	Woodworking machinery.....	1,276	889	60	116	300	323	916	444
3554	Paper industries machinery.....	442	299	(D)	(D)	(D)	(D)	(D)	(D)
3555	Printing trades machinery.....	4,058	2,230	3,221	1,623	649	458	182	140
3559	Special industry machines n.e.c.....	5,455	2,954	1,856	1,043	1,334	980	2,265	931
356	General industrial machinery.....	27,415	15,790	(D)	(D)	(D)	(D)	(D)	(D)
3561	Pumps and compressors.....	2,591	1,646	463	332	1,161	606	967	708
3562	Ball and roller bearings.....	521	418	-	-	501	402	20	10
3564	Blowers and fans.....	11,345	4,646	10,713	4,326	320	164	312	164
3565	Industrial patterns.....	324	161	(D)	(D)	(D)	(D)	(D)	(D)
3566	Power transmission equipment.....	688	692	300	277	213	212	175	203
3567	Industrial furnaces and ovens.....	4,191	2,424	3,723	1,946	412	445	56	37
3569	General industry machines, n.e.c.....	7,755	5,803	4,676	2,644	1,572	1,863	1,507	1,290
357	Office machines, n.e.c.....	8,654	6,475	(D)	(D)	(D)	(D)	1,800	1,434
3571	Computing and related machines.....	4,231	2,894	1,937	1,384	1,580	1,115	114	395
3572	Typewriters.....	1,365	946	(D)	(D)	796	693	(D)	(D)
3576	Scales and balances.....	451	440	434	419	(D)	(D)	(D)	(D)
3579	Office machines, n.e.c.....	2,607	2,195	928	639	768	649	911	907
358	Service industry machines.....	75,982	30,888	67,991	26,294	(D)	(D)	(D)	(D)
3581	Automatic vending machines.....	1,274	878	730	408	(D)	(D)	(D)	(D)
3582	Commercial laundry equipment.....	691	507	522	369	141	116	20	22
3585	Refrigeration machinery.....	71,921	27,883	65,545	24,765	3,926	2,164	2,450	1,000
3586	Measuring and dispensing pumps.....	731	626	232	156	445	434	---	---
3589	Service industry machines, n.e.c.....	1,365	994	962	596	305	307	---	---
3599	Miscellaneous machinery.....	24,165	14,627	5,512	3,483	6,111	6,111	11,745	6,880
36	Electrical machinery.....	265,526	141,864	135,296	70,369	72,018	43,592	68,710	33,330
361	Electric distribution products.....	24,534	12,514	8,672	4,495	(D)	(D)	(D)	(D)
3611	Electric measuring instruments.....	7,386	4,003	4,397	2,409	914	787	2,075	1,111
3612	Transformers.....	6,784	3,164	1,585	740	(D)	(D)	(D)	(D)
3613	Switchgear and switchboards.....	10,364	5,347	2,690	1,346	5,644	3,019	2,030	992

See footnotes at end of table.

TABLE 12. Consumption of Aluminum and Aluminum-Base Alloy Mill Shapes and Forms, by Selected Industry Groups and Industries: 1963--Continued

Code	Industry group and industry ¹	Total		Sheet, plate, and foil (335202, 335203, and 335231)		Extruded shapes ² (335205)		All other aluminum mill shapes and forms ² (335207, 335208, and 335209)	
		Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost
		(1,000 pounds)	(\$1,000)	(1,000 pounds)	(\$1,000)	(1,000 pounds)	(\$1,000)	(1,000 pounds)	(\$1,000)
36	Electrical machinery--Continued								
362	Electric industrial apparatus.....	26,519	10,115	7,572	3,659	(D)	(D)	(D)	(D)
3621	Motors and generators.....	18,416	6,498	1,491	964	4,251	1,904	12,674	3,630
3622	Industrial controls.....	1,397	774	618	357	398	224	381	193
3629	Electric industrial goods, n.e.c.....	6,706	2,843	5,463	2,338	(D)	(D)	(D)	(D)
363	Household appliances.....	65,433	31,018	46,650	19,565	9,774	6,428	9,009	5,025
3631	Household cooking equipment.....	3,093	1,747	1,465	764	1,512	848	116	135
3632	Household refrigerators.....	36,297	16,082	29,788	11,663	4,655	3,612	1,854	807
3633	Household laundry equipment.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3634	Electric housewares and fans.....	17,725	8,268	12,557	5,685	2,064	1,034	3,104	1,549
3635	Household vacuum cleaners.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3636	Sewing machines.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3639	Household appliances, n.e.c.....	3,708	2,566	1,155	538	828	470	1,725	1,558
364	Lighting and wiring devices.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3641	Electric lamps.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3642	Lighting fixtures.....	33,666	16,721	21,341	10,619	10,044	4,937	2,281	1,165
3643	Current carrying devices.....	11,506	5,550	4,401	1,868	3,186	1,293	3,919	2,389
3644	Noncurrent carrying devices.....	11,176	4,496	2,360	841	(D)	(D)	(D)	(D)
3651	Radio and TV receiving sets.....	2,499	1,648	921	605	(D)	(D)	(D)	(D)
366	Communication equipment.....	36,666	22,508	18,431	11,642	10,082	6,608	8,153	4,258
3661	Telephone; telegraph apparatus.....	10,341	5,134	4,994	2,838	1,149	630	4,198	1,666
3662	Radio, TV communications equipment..	26,325	17,374	13,437	8,804	8,935	5,978	3,955	2,592
367	Electronic components.....	44,078	32,564	(D)	(D)	15,844	12,857	(D)	(D)
3671	Electron tubes, receiving type.....	(D)	(D)	(D)	(D)	(D)	(D)	-	-
3672	Cathode ray picture tubes.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3673	Electron tubes, transmitting.....	429	603	290	384	(D)	(D)	(D)	(D)
3674	Semiconductors.....	280	328	(D)	(D)	(D)	(D)	(D)	(D)
3679	Electronic components, n.e.c.....	43,337	31,583	23,252	15,364	15,704	12,631	4,381	3,588
369	Electrical products, n.e.c.....	(D)	(D)	1,170	1,053	631	478	(D)	(D)
3694	Engine electrical equipment.....	2,582	2,101	1,170	1,053	631	478	781	570
3699	Electrical products, n.e.c.....	(D)	(D)	-	-	-	-	(D)	(D)
37	Transportation equipment.....	514,553	292,176	322,253	170,458	145,082	94,352	47,218	27,366
371	Motor vehicles and equipment.....	237,744	101,745	137,431	61,983	84,176	33,972	16,137	5,790
3713	Truck and bus bodies.....	20,544	9,336	13,507	6,292	6,534	2,766	503	278
3715	Truck trailers.....	107,621	42,546	52,472	22,298	54,857	20,010	292	238
3717	Motor vehicles and parts.....	109,579	49,863	71,452	33,393	22,785	11,196	15,342	5,274
372	Aircraft and parts.....	167,057	136,651	(D)	(D)	(D)	(D)	(D)	(D)
3721	Aircraft.....	76,406	64,110	51,623	38,107	16,672	21,237	8,111	4,766
3722	Aircraft engines and parts.....	8,295	7,527	3,777	3,089	2,070	1,649	2,448	2,789
3723	Aircraft propellers and parts.....	150	390	(D)	(D)	(D)	(D)	(D)	(D)
3729	Aircraft equipment, n.e.c.....	82,206	64,624	36,442	25,517	29,418	30,059	16,346	9,048
373	Ship and boat building.....	24,690	12,978	19,238	8,593	(D)	(D)	(D)	(D)
3731	Ship building and repairing.....	6,110	4,390	4,037	1,991	(D)	(D)	(D)	(D)
3732	Boat building and repairing.....	18,580	8,588	15,201	6,602	3,177	1,895	202	91
374	Railroad equipment.....	11,216	8,867	(D)	(D)	(D)	(D)	(D)	(D)
3741	Locomotive and parts.....	535	296	(D)	(D)	(D)	(D)	(D)	(D)
3742	Railroad and street cars.....	10,681	8,571	6,337	5,938	(D)	(D)	(D)	(D)
3751	Motorcycles, bicycles, and parts.....	206	101	(D)	(D)	(D)	(D)	(D)	(D)
379	Transportation, equipment, n.e.c.....	73,640	31,834	66,961	26,931	4,629	2,703	2,050	2,200
3791	Trailer coaches.....	69,714	29,960	63,702	25,377	4,019	2,407	1,993	2,176
3799	Transportation equipment, n.e.c.....	3,926	1,874	3,259	1,554	610	296	57	24
38	Instruments and related products..	16,838	9,947	3,429	2,549	4,134	3,180	9,275	4,218
3811	Scientific instruments.....	2,007	1,551	1,109	776	398	352	500	423
382	Mechanical measuring devices.....	14,102	7,809	2,099	1,625	3,262	2,414	8,741	3,770
3821	Mechanical measuring devices.....	6,004	4,322	997	792	950	959	4,057	2,571
3822	Automatic temperature controls.....	8,098	3,487	1,102	833	2,312	1,455	4,684	1,199
3831	Optical instruments and lenses.....	729	587	221	148	474	414	34	25

See footnotes at end of table.

TABLE 12. Consumption of Aluminum and Aluminum-Base Alloy Mill Shapes and Forms, by Selected Industry Groups and Industries: 1963--Continued

Code	Industry group and industry ¹	Total		Sheet, plate, and foil (335202, 335203, and 335231)		Extruded shapes ² (335205)		All other aluminum mill shapes and forms ² (335207, 335208, and 335209)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
39	Miscellaneous manufacturing.....	24,854	14,537	(X)	(X)	(X)	(X)	24,854	14,537
3914	Silverware and plated ware.....	(D)	(D)	(X)	(X)	(X)	(X)	(D)	(D)
394	Toys and sporting goods.....	(D)	(D)	(X)	(X)	(X)	(X)	(D)	(D)
3941	Games and toys.....	312	199	(X)	(X)	(X)	(X)	312	199
3942	Dolls.....	(D)	(D)	(X)	(X)	(X)	(X)	(D)	(D)
3943	Children's vehicles.....	(D)	(D)	(X)	(X)	(X)	(X)	(D)	(D)
3949	Sporting and athletic goods.....	9,357	5,048	(X)	(X)	(X)	(X)	9,357	5,048
396	Costume jewelry and notions.....	(NA)	7,037	(X)	(X)	(X)	(X)	(NA)	7,037
3963	Buttons.....	(NA)	330	(X)	(X)	(X)	(X)	(NA)	330
3964	Needles, pins, and fasteners.....	11,025	6,707	(X)	(X)	(X)	(X)	11,025	6,707
3999	Miscellaneous products, n.e.c.....	3,560	2,168	(X)	(X)	(X)	(X)	3,560	2,168
19	Ordinance and accessories.....	761,609	739,147	710,551	77,689	712,261	76,058	738,797	725,400
192	Missiles and ammunition, n.e.c.....	58,110	37,055	9,191	6,810	(D)	(D)	(D)	(D)
1925	Complete guided missiles.....	11,760	10,232	5,880	5,116	(D)	(D)	(D)	(D)
1929	Ammunition, n.e.c.....	46,350	26,823	3,311	1,694	10,806	5,354	32,233	19,775
1931	Tanks and tank components.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1951	Small arms, 30 mm. and under.....	(NA)	142	(D)	(D)	(D)	(D)	(D)	(D)
1911 and 1999	Guns, tanks, howitzers, and mortars, and ordinance and accessories, n.e.c.....	3,273	1,950	1,333	863	(D)	(D)	(D)	(D)

Standard Notes: -Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

n.e.c. Not elsewhere classified.

¹Major group (2-digit) and industry group (3-digit) totals include (a) data for individual industries for which data are publishable as well as for those industries which could not be published without disclosing the operations of individual companies, and (b) an estimate of quantities for industries for which cost data were publishable but for which quantity data were suppressed because of significant nonreporting of quantity figures. The estimates for quantities are based on averages derived from those industry totals within the group for which valid totals of quantity and associated cost were reported.

²Not comparable to 1958. In the 1958 Census of Manufactures extruded shapes were included with "All other aluminum mill shapes and forms."

³The "Metal fabricating industries" include establishments whose primary activity is the manufacture of products fabricated beyond the metal mill or foundry level.

⁴Excludes aluminum and aluminum-base alloy mill shapes produced and consumed in nonferrous metal mills in the production of fabricated products.

⁵Data for industry 3357 represents mill shapes and forms other than rods, wire for redrawing, and bare wire. For industries 3391 and 3392, represents all aluminum and aluminum-base alloy mill shapes.

⁶Excludes figures for industry 3519, Internal Combustion Engines.

⁷Excludes figures for industry 1931, Tanks and Tank Components.

TABLE 13. Consumption of Aluminum and Aluminum-Base Alloy Mill Shapes and Forms, by Divisions and States: 1963

Division and State	Total		Sheet, plate, and foil (335202, 335203, and 335231)		Extruded shapes (335205)		All other (335207, 335208, and 335209)	
	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
United States, total.....	12,780,034	1,309,845	11,456,771	664,861	1,806,747	393,587	1,516,516	251,397
New England.....	126,653	71,384	51,361	27,143	46,300	27,382	28,992	16,859
Maine.....	2,286	1,420	1,597	891	(D)	(D)	(D)	(D)
New Hampshire.....	6,659	3,323	1,163	611	5,314	2,582	182	130
Vermont.....	640	414	347	240	127	51	(D)	(D)
Massachusetts.....	57,769	34,634	21,992	12,911	21,432	13,482	14,345	8,241
Rhode Island.....	8,899	4,711	1,907	1,219	3,784	2,100	3,208	1,392
Connecticut.....	50,400	26,882	24,355	11,271	15,196	8,897	10,849	6,714
Middle Atlantic.....	497,859	230,053	233,149	104,618	162,051	76,920	102,659	48,515
New York.....	193,550	94,525	88,484	39,281	72,362	37,075	32,704	18,169
New Jersey.....	100,800	47,725	51,180	24,746	22,279	10,734	27,341	12,245
Pennsylvania.....	203,509	87,803	93,485	40,591	67,410	29,111	42,614	18,101
East North Central.....	993,244	425,957	546,309	229,528	250,775	109,493	196,160	86,936
Ohio.....	323,894	150,770	137,307	65,864	88,202	38,785	98,385	46,032
Indiana.....	144,716	59,858	94,516	38,065	33,532	14,884	16,668	6,909
Illinois.....	177,979	69,972	107,281	39,602	36,557	16,909	34,141	13,461
Michigan.....	214,185	94,738	111,430	50,559	62,794	26,960	39,961	17,219
Wisconsin.....	132,470	50,619	95,775	35,438	29,690	11,866	7,005	3,315
West North Central.....	183,489	99,063	110,011	53,681	51,443	33,041	22,035	12,341
Minnesota.....	35,289	18,192	22,842	10,555	8,267	4,449	4,180	3,188
Iowa.....	15,262	6,803	7,320	2,987	5,384	2,538	2,558	1,278
Missouri.....	73,910	33,830	44,656	20,054	22,089	10,741	7,165	3,035
North Dakota.....	191	104	187	93	(D)	(D)	(D)	(D)
South Dakota.....	665	289	455	177	(D)	(D)	(D)	(D)
Nebraska.....	17,446	8,500	9,524	4,738	2,726	1,204	5,196	2,558
Kansas.....	40,726	31,345	25,027	15,077	12,783	14,003	2,916	2,265
South Atlantic.....	304,222	131,573	170,520	73,079	94,601	41,893	39,101	16,601
Delaware.....	1,898	1,046	884	646	980	379	(D)	(D)
Maryland.....	41,205	19,691	20,937	9,841	11,141	5,955	9,127	3,895
District of Columbia.....	616	313	272	195	(D)	(D)	(D)	(D)
Virginia.....	16,892	9,197	8,619	4,929	3,855	1,976	4,418	2,292
West Virginia.....	6,265	2,727	5,183	2,247	(D)	(D)	(D)	(D)
North Carolina.....	33,482	16,405	20,138	9,971	7,872	4,018	5,472	2,416
South Carolina.....	13,389	7,177	12,066	6,493	811	431	512	253
Georgia.....	72,104	33,570	39,713	18,854	17,899	9,215	14,492	5,501
Florida.....	118,471	41,447	62,708	19,903	50,881	19,422	4,882	2,122
East South Central.....	164,029	81,938	94,587	48,388	48,267	23,671	21,175	9,879
Kentucky.....	85,230	42,985	64,780	33,668	14,960	7,011	5,490	2,306
Tennessee.....	41,665	21,404	12,015	6,175	21,186	11,295	8,464	3,934
Alabama.....	24,298	12,205	12,774	6,231	6,096	3,212	5,428	2,762
Mississippi.....	12,836	5,344	5,018	2,314	6,025	2,153	1,793	877
West South Central.....	116,320	53,504	56,065	27,542	45,642	19,129	14,613	6,833
Arkansas.....	9,815	4,089	3,301	1,263	2,886	1,310	3,628	1,516
Louisiana.....	14,748	6,298	6,417	2,967	5,088	2,024	3,243	1,307
Oklahoma.....	10,602	5,711	7,575	3,592	2,682	1,880	345	239
Texas.....	81,155	37,406	38,772	19,720	34,986	13,915	7,397	3,771
Mountain.....	23,281	13,581	10,952	6,121	8,074	5,114	4,255	2,346
Montana.....	172	109	(D)	(D)	(D)	(D)	(D)	(D)
Idaho.....	1,486	671	(D)	(D)	(D)	(D)	-	-
Wyoming.....	82	67	(D)	(D)	(D)	(D)	(D)	(D)
Colorado.....	8,436	5,506	2,886	1,759	4,863	3,389	687	358
New Mexico.....	2,103	1,410	1,289	866	(D)	(D)	(D)	(D)
Arizona.....	5,417	2,973	2,819	1,513	2,412	1,298	186	162
Utah.....	5,585	2,845	2,262	1,170	(D)	(D)	(D)	(D)
Nevada.....	-	-	-	-	-	-	-	-
Pacific.....	370,937	202,792	183,817	94,761	99,594	56,944	87,526	51,087
Washington.....	24,867	14,496	(D)	(D)	11,816	6,169	(D)	(D)
Oregon.....	16,190	8,276	9,623	4,154	(D)	(D)	2,773	2,466
California.....	329,232	179,505	164,347	84,645	83,954	49,100	80,931	45,760
Alaska.....	(D)	(D)	(D)	(D)	-	-	-	-
Hawaii.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Standard Notes: -Represents zero. (D)Withheld to avoid disclosing figures for individual companies. (NA) Not available.

(X) Not applicable.

¹Excludes aluminum and aluminum-base alloy mill shapes produced and consumed in nonferrous metal mills in the production of fabricated products for which figures are not available.

TABLE 14. Consumption of Aluminum and Aluminum-Base Alloy Mill Shapes and Forms by Metal Fabricating Establishments, Selected Industry Groups and Industries, Within States: 1963

Code	Division, State, industry group, and industry ¹	Total ²		Sheet, plate, and foil (335202, 335203, and 335231)		Extruded shapes (335205)		All other (335207, 335208, and 335209)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
	UNITED STATES, TOTAL.....	2,780,034	1,309,845	1,456,771	664,861	806,747	393,587	516,516	251,397
	NEW ENGLAND.....	126,653	71,384	51,361	27,143	46,300	27,382	28,992	16,859
	Maine.....	2,286	1,420	1,597	891	(D)	(D)	(D)	(D)
	New Hampshire.....	6,659	3,323	1,163	611	5,314	2,582	182	130
34	Fabricated metal products.....	1,730	689	(D)	(D)	(D)	(D)	(D)	(D)
3442	Metal doors, sash, and trim.....	1,247	468	-	-	(D)	(D)	-	-
36	Electrical machinery.....	4,446	2,295	(D)	(D)	(D)	(D)	(D)	(D)
	Vermont.....	640	414	347	240	127	51	(D)	(D)
	Massachusetts.....	57,769	34,634	21,992	12,911	21,432	13,482	14,345	8,241
25	Furniture and fixtures.....	3,438	1,437	(D)	(D)	(D)	(D)	(D)	(D)
34	Fabricated metal products.....	27,772	13,190	8,327	4,140	14,291	6,788	5,154	2,262
3433	Heating equipment, except electric.....	884	303	884	303	-	-	-	-
3441	Fabricated structural steel.....	231	184	(D)	(D)	161	100	(D)	(D)
3442	Metal doors, sash, and trim.....	16,921	6,825	93	42	12,419	5,065	4,409	1,718
3443	Boiler shop products.....	236	190	197	168	(D)	(D)	(D)	(D)
3444	Sheet metalwork.....	3,362	1,334	3,144	1,231	(D)	(D)	(D)	(D)
3451	Screw machine products.....	615	418	-	-	480	319	135	99
3452	Bolts, nuts, rivets, and washers.....	1,179	580	(D)	(D)	-	-	(D)	(D)
3461	Metal stampings.....	1,065	700	1,029	670	(D)	(D)	(D)	(D)
3499	Fabricated metal products, n.e.c.....	357	302	217	145	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	7,364	4,416	4,467	2,386	1,806	1,543	1,091	487
3544	Special dies and tools.....	616	301	296	187	13	15	307	99
3551	Food products machinery.....	95	89	42	36	(D)	(D)	(D)	(D)
3552	Textile machinery.....	791	722	(D)	(D)	560	537	(D)	(D)
3559	Special industry machines, n.e.c.....	382	193	124	97	(D)	(D)	(D)	(D)
3566	Power transmission equipment.....	52	60	-	-	(D)	(D)	(D)	(D)
3585	Refrigeration machinery.....	298	133	(D)	(D)	(D)	(D)	-	-
3599	Miscellaneous machinery.....	1,175	790	441	317	585	395	149	78
36	Electrical machinery.....	10,809	10,612	5,777	5,155	3,449	4,074	1,583	1,383
3611	Electric measuring instruments.....	336	198	281	149	(D)	(D)	(D)	(D)
3613	Switchgear and switchboards.....	82	53	(D)	(D)	-	-	(D)	(D)
3642	Lighting fixtures.....	934	387	709	289	(D)	(D)	(D)	(D)
3662	Radio, TV communications equipment.....	3,041	3,217	1,634	1,548	905	1,009	502	660
3679	Electronic components, n.e.c.....	3,993	5,628	2,285	2,823	(D)	(D)	(D)	(D)
38	Instruments and related products.....	403	302	212	148	(D)	(D)	(D)	(D)
3821	Mechanical measuring devices.....	227	180	121	100	(D)	(D)	(D)	(D)
39	Miscellaneous manufacturing.....	1,694	770	-	-	-	-	1,694	770
	Rhode Island.....	8,899	4,711	1,907	1,219	3,784	2,100	3,208	1,392
34	Fabricated metal products.....	4,648	2,541	(D)	(D)	3,179	1,523	(D)	(D)
3451	Screw machine products.....	110	70	(D)	(D)	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	570	508	(D)	(D)	(D)	(D)	(D)	(D)
37	Transportation equipment.....	321	269	(D)	(D)	(D)	(D)	(D)	(D)
	Connecticut.....	50,400	26,882	24,355	11,271	15,196	8,897	10,840	6,714
25	Furniture and fixtures.....	277	241	81	54	(D)	(D)	(D)	(D)
2591	Venetian blinds and shades.....	81	54	81	54	-	-	-	-
33	Primary metal industries.....	1,150	572	-	-	-	-	1,150	572
34	Fabricated metal products.....	24,214	12,906	11,360	5,567	9,065	5,521	3,789	1,818
3429	Hardware, n.e.c.....	2,926	1,763	979	464	1,414	856	533	443
3433	Heating equipment, except electric.....	871	338	871	338	-	-	-	-
3442	Metal doors, sash, and trim.....	4,780	2,524	856	313	2,320	1,562	1,694	649
3444	Sheet metalwork.....	1,414	567	224	86	(D)	(D)	(D)	(D)
3451	Screw machine products.....	1,100	655	(D)	(D)	859	504	(D)	(D)
3452	Bolts, nuts, rivets, and washers.....	481	265	(D)	(D)	(D)	(D)	(D)	(D)
3461	Metal stampings.....	8,337	4,415	5,768	3,207	(D)	(D)	100	51
3481	Fabricated wire products, n.e.c.....	306	172	(D)	(D)	(D)	(D)	-	-
3499	Fabricated metal products, n.e.c.....	89	77	(D)	(D)	(D)	(D)	-	-
35	Machinery, except electrical.....	5,345	3,249	3,294	1,422	793	652	1,298	1,100
3544	Special dies and tools.....	167	167	87	92	(D)	(D)	(D)	(D)
3579	Office machines, n.e.c.....	991	954	(D)	(D)	190	147	(D)	(D)
3599	Miscellaneous machinery.....	599	515	108	74	71	57	420	354

See footnotes at end of table.

TABLE 14. Consumption of Aluminum and Aluminum-Base Alloy Mill Shapes and Forms by Metal Fabricating Establishments, Selected Industry Groups and Industries, Within States: 1963--Continued

Code	Division, State, industry group, and industry ¹	Total ²		Sheet, plate, and foil (335202, 335203, and 335231)		Extruded shapes (335205)		All other (335207, 335208, and 335209)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
	NEW ENGLAND--Continued								
	Connecticut--Continued								
36	Electrical machinery.....	10,983	5,192	7,093	2,669	1,181	905	2,709	1,618
3679	Electronic components, n.e.c.....	1,129	1,090	565	447	486	523	78	120
37	Transportation equipment.....	6,237	2,995	1,986	1,102	(D)	(D)	(D)	(D)
3717	Motor vehicles and parts.....	811	509	705	396	(D)	(D)	(D)	(D)
3722	Aircraft engines and parts.....	706	460	(D)	(D)	(D)	(D)	(D)	(D)
38	Instruments and related products.....	393	297	182	164	(D)	(D)	(D)	(D)
3821	Mechanical measuring devices.....	192	176	182	164	(D)	(D)	(D)	(D)
39	Miscellaneous manufacturing.....	1,588	1,157	(D)	(D)	-	-	(D)	(D)
	MIDDLE ATLANTIC, TOTAL.....	497,859	230,053	233,149	104,618	162,051	76,920	102,659	48,515
	New York.....	193,550	94,525	88,484	39,281	72,362	37,075	32,704	18,169
25	Furniture and fixtures.....	9,837	4,781	530	326	3,123	1,354	6,184	3,101
2514	Metal household furniture.....	6,456	2,755	(D)	(D)	(D)	(D)	3,346	1,520
2522	Metal office furniture.....	598	385	-	-	-	-	598	385
2541	Wood partitions and fixtures.....	1,010	404	-	-	-	-	1,010	404
2542	Metal partitions and fixtures.....	565	360	(D)	(D)	-	-	(D)	(D)
2591	Venetian blinds and shades.....	873	708	277	217	218	199	378	292
34	Fabricated metal products.....	71,970	30,115	25,014	10,329	41,541	17,320	5,415	2,466
3411	Metal cans.....	2,324	624	2,324	624	-	-	-	-
3423	Hand and edge tools.....	717	406	(D)	(D)	(D)	(D)	(D)	(D)
3429	Hardware, n.e.c.....	1,347	767	(D)	(D)	(D)	(D)	(D)	(D)
3433	Heating equipment, except electric.....	3,398	1,343	(D)	(D)	(D)	(D)	-	-
3441	Fabricated structural steel.....	1,193	776	108	57	825	526	260	193
3442	Metal doors, sash, and trim.....	31,085	12,116	970	360	27,450	10,937	2,665	819
3443	Boiler shop products.....	116	79	(D)	(D)	-	-	(D)	(D)
3444	Sheet metalwork.....	4,147	2,046	3,569	1,700	415	237	163	109
3446	Architectural metalwork.....	1,986	1,019	864	404	1,023	522	99	93
3451	Screw machine products.....	849	511	(D)	(D)	561	327	(D)	(D)
3452	Bolts, nuts, rivets, and washers.....	1,101	501	(D)	(D)	(D)	(D)	(D)	(D)
3461	Metal stampings.....	12,931	5,202	10,218	3,986	1,716	731	997	485
3497	Metal foil and leaf.....	683	455	683	455	-	-	-	-
3499	Fabricated metal products, n.e.c.....	4,487	1,827	(D)	(D)	(D)	(D)	336	237
35	Machinery, except electrical.....	24,839	11,946	16,500	6,457	6,078	4,245	2,261	1,244
3537	Industrial trucks and tractors.....	436	165	(D)	(D)	(D)	(D)	(D)	(D)
3544	Special dies and tools.....	394	340	208	199	61	64	125	77
3548	Metalworking machinery, n.e.c.....	147	107	89	57	(D)	(D)	(D)	(D)
3551	Food products machinery.....	128	84	(D)	(D)	(D)	(D)	(D)	(D)
3555	Printing trades machinery.....	201	183	128	116	(D)	(D)	(D)	(D)
3559	Special industry machines, n.e.c.....	381	252	125	90	212	121	44	41
3566	Power transmission equipment.....	69	71	-	-	31	25	38	46
3569	General industry machines, n.e.c.....	1,160	1,271	(D)	(D)	(D)	(D)	(D)	(D)
3571	Computing and related machines.....	1,311	925	(D)	(D)	(D)	(D)	(D)	(D)
3585	Refrigeration machinery.....	12,382	4,670	10,660	4,080	(D)	(D)	(D)	(D)
3599	Miscellaneous machinery.....	5,093	1,664	2,505	343	1,979	938	609	383
36	Electrical machinery.....	36,773	21,515	16,646	9,553	12,478	7,701	7,649	4,261
3611	Electric measuring instruments.....	279	206	(D)	(D)	(D)	(D)	(D)	(D)
3613	Switchgear and switchboards.....	1,097	475	(D)	(D)	(D)	(D)	(D)	(D)
3621	Motors and generators.....	1,867	852	(D)	(D)	332	246	(D)	(D)
3634	Electric housewares and fans.....	1,214	815	545	244	(D)	(D)	(D)	(D)
3642	Lighting fixtures.....	2,537	1,364	1,208	595	815	375	514	394
3662	Radio, TV communications equipment.....	2,919	2,291	1,856	1,530	(D)	(D)	(D)	(D)
37	Transportation equipment.....	39,670	19,692	29,045	12,232	8,748	6,134	1,877	1,326
3713	Truck and bus bodies.....	4,944	2,144	3,659	1,647	(D)	(D)	(D)	(D)
3722	Aircraft engines and parts.....	751	299	(D)	(D)	55	84	(D)	(D)
3729	Aircraft equipment, n.e.c.....	4,966	3,693	2,126	1,053	(D)	(D)	(D)	(D)
38	Instruments and related products.....	765	756	238	264	228	207	299	285
3811	Scientific instruments.....	77	131	(D)	(D)	(D)	(D)	(D)	(D)
3821	Mechanical measuring devices.....	455	415	143	136	(D)	(D)	(D)	(D)
3831	Optical instruments and lenses.....	233	210	(D)	(D)	(D)	(D)	(D)	(D)
39	Miscellaneous manufacturing.....	8,937	5,506	-	-	(D)	(D)	(D)	(D)
3949	Sporting and athletic goods.....	981	519	-	-	-	-	981	519
3963	Buttons.....	399	301	-	-	-	-	399	301
3964	Needles, pins, and fasteners.....	7,217	4,405	-	-	-	-	7,217	4,405
3999	Miscellaneous products, n.e.c.....	258	181	-	-	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 14. Consumption of Aluminum and Aluminum-Base Alloy Mill Shapes and Forms by Metal Fabricating Establishments, Selected Industry Groups and Industries, Within States: 1963--Continued

Code	Division, State, industry group, and industry ¹	Total ²		Sheet, plate, and foil (335202, 335203, and 335231)		Extruded shapes (335205)		All other (335207, 335208, and 335209)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
	MIDDLE ATLANTIC--Continued								
	New Jersey.....	100,800	47,725	51,180	24,746	22,279	10,734	27,341	12,245
25	Furniture and fixtures.....	9,598	4,834	(D)	(D)	(D)	(D)	(D)	(D)
2514	Metal household furniture.....	6,642	3,678	-	-	(D)	(D)	(D)	(D)
2541	Wood partitions and fixtures.....	142	85	-	-	-	-	142	85
2542	Metal partitions and fixtures.....	503	138	(D)	(D)	-	-	(D)	(D)
33	Primary metal industries.....	2,390	873	-	-	-	-	2,390	873
34	Fabricated metal products.....	51,738	23,890	31,070	14,311	11,823	5,227	8,845	4,352
3411	Metal cans.....	10,568	3,911	10,568	3,911	-	-	-	-
3442	Metal doors, sash, and trim.....	11,118	4,341	156	73	8,048	3,215	2,914	1,053
3443	Boiler shop products.....	172	134	159	120	(D)	(D)	(D)	(D)
3446	Architectural metalwork.....	312	266	(D)	(D)	248	208	(D)	(D)
3451	Screw machine products.....	359	214	(D)	(D)	(D)	(D)	247	151
3452	Bolts, nuts, rivets, and washers.....	558	408	(D)	(D)	(D)	(D)	109	81
3461	Metal stampings.....	5,442	3,071	5,117	2,885	(D)	(D)	(D)	(D)
3497	Metal foil and leaf.....	4,569	2,914	4,569	2,914	-	-	-	-
3498	Fabricated pipe and fittings.....	210	156	-	-	(D)	(D)	(D)	(D)
3499	Fabricated metal products, n.e.c.....	978	470	(D)	(D)	845	365	(D)	(D)
35	Machinery, except electrical.....	8,803	4,169	6,260	2,823	1,922	856	621	490
3535	Conveyors.....	78	50	(D)	(D)	(D)	(D)	-	-
3544	Special dies and tools.....	80	82	(D)	(D)	(D)	(D)	(D)	(D)
3548	Metalworking machinery, n.e.c.....	323	305	(D)	(D)	(D)	(D)	(D)	(D)
3552	Textile machinery.....	87	70	(D)	(D)	-	-	(D)	(D)
3555	Printing trades machinery.....	178	137	(D)	(D)	(D)	(D)	(D)	(D)
3559	Special industry machines, n.e.c.....	820	117	139	60	(D)	(D)	(D)	(D)
3569	General industry machines, n.e.c.....	138	119	(D)	(D)	(D)	(D)	-	-
3585	Refrigeration machinery.....	2,867	1,130	2,523	947	344	183	-	-
3599	Miscellaneous machinery.....	678	444	237	139	253	169	188	136
36	Electrical machinery.....	15,434	8,506	7,706	4,214	6,491	3,285	1,237	1,007
3611	Electric measuring instruments.....	167	110	86	56	(D)	(D)	(D)	(D)
3613	Switchgear and switchboards.....	273	138	(D)	(D)	(D)	(D)	-	-
3621	Motors and generators.....	357	276	(D)	(D)	133	115	(D)	(D)
3642	Lighting fixtures.....	9,099	4,592	(D)	(D)	(D)	(D)	(D)	(D)
3643	Current carrying devices.....	110	75	(D)	(D)	-	-	(D)	(D)
3662	Radio, TV communications equipment.....	1,078	757	629	425	220	120	229	212
3679	Electronic components, n.e.c.....	1,799	1,349	740	502	678	443	381	404
37	Transportation equipment.....	10,354	4,215	2,906	2,092	(D)	(D)	(D)	(D)
39	Miscellaneous manufacturing.....	1,694	878	(D)	(D)	-	-	(D)	(D)
3964	Needles, pins, and fasteners.....	1,029	430	-	-	-	-	1,029	430
3999	Miscellaneous products, n.e.c.....	625	428	(D)	(D)	-	-	(D)	(D)
	Pennsylvania.....	203,509	87,803	93,485	40,591	67,410	29,111	42,614	18,101
19	Ordinance and accessories.....	2,389	1,258	454	384	(D)	(D)	(D)	(D)
25	Furniture and fixtures.....	11,709	5,450	(D)	(D)	(D)	(D)	4,083	2,334
2514	Metal household furniture.....	8,554	3,685	(D)	(D)	(D)	(D)	(D)	(D)
2522	Metal office furniture.....	678	384	-	-	-	-	678	384
2541	Wood partitions and fixtures.....	102	65	-	-	-	-	102	65
2542	Metal partitions and fixtures.....	259	238	(D)	(D)	(D)	(D)	(D)	(D)
34	Fabricated metal products.....	105,297	43,402	49,787	20,719	40,411	16,163	15,099	6,520
3411	Metal cans.....	6,704	2,210	6,704	2,210	-	-	-	-
3429	Hardware, n.e.c.....	1,778	843	1,194	527	(D)	(D)	(D)	(D)
3441	Fabricated structural steel.....	1,121	687	(D)	(D)	(D)	(D)	(D)	(D)
3442	Metal doors, sash, and trim.....	29,294	10,996	6,494	2,406	22,162	8,315	638	275
3443	Boiler shop products.....	812	470	666	367	(D)	(D)	(D)	(D)
3444	Sheet metalwork.....	6,377	2,441	5,326	1,969	980	416	71	56
3446	Architectural metalwork.....	3,527	1,551	980	388	1,505	627	1,042	536
3461	Metal stampings.....	24,968	11,309	19,132	8,523	(D)	(D)	(D)	(D)
3498	Fabricated pipe and fittings.....	315	257	(D)	(D)	51	59	(D)	(D)
3499	Fabricated metal products, n.e.c.....	6,334	3,749	2,306	1,193	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	10,260	5,770	7,378	3,656	1,622	1,184	1,260	930
3535	Conveyors.....	350	229	(D)	(D)	175	138	(D)	(D)
3544	Special dies and tools.....	154	158	75	68	(D)	(D)	(D)	(D)
3552	Textile machinery.....	1,136	774	(D)	(D)	331	231	(D)	(D)
3569	General industry machines, n.e.c.....	1,096	719	(D)	(D)	(D)	(D)	(D)	(D)
3585	Refrigeration machinery.....	4,011	1,818	3,801	1,658	(D)	(D)	(D)	(D)
3599	Miscellaneous machinery.....	1,186	433	784	174	181	110	221	149

See footnotes at end of table.

TABLE 14. Consumption of Aluminum and Aluminum-Base Alloy Mill Shapes and Forms by Metal Fabricating Establishments, Selected Industry Groups and Industries, Within States: 1963--Continued

Code	Division, State, industry group, and industry ¹	Total ²		Sheet, plate, and foil (335202, 335203, and 335231)		Extruded shapes (335205)		All other (335207, 335208, and 335209)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
	MIDDLE ATLANTIC--Continued								
	Pennsylvania--Continued								
36	Electrical machinery.....	14,840	7,652	6,930	3,362	4,816	2,794	3,094	1,496
3613	Switchgear and switchboards.....	3,355	1,760	(D)	(D)	1,865	1,000	(D)	(D)
3621	Motors and generators.....	992	597	95	65	(D)	(D)	(D)	(D)
3642	Lighting fixtures.....	1,593	866	798	427	566	282	229	157
3662	Radio, TV communications equipment.....	801	522	640	367	101	104	60	51
3679	Electronic components, n.e.c.....	384	268	148	115	(D)	(D)	(D)	(D)
37	Transportation equipment.....	38,802	16,300	21,081	9,202	(D)	(D)	(D)	(D)
3713	Truck and bus bodies.....	3,396	1,397	2,296	931	985	402	115	64
3715	Truck trailers.....	24,659	9,059	12,251	4,746	(D)	(D)	(D)	(D)
3717	Motor vehicles and parts.....	946	706	580	329	(D)	(D)	(D)	(D)
3722	Aircraft engines and parts.....	993	592	(D)	(D)	(D)	(D)	(D)	(D)
3729	Aircraft equipment, n.e.c.....	449	363	243	200	(D)	(D)	(D)	(D)
3732	Boat building and repairing.....	254	180	(D)	(D)	(D)	(D)	(D)	(D)
3791	Trailer coaches.....	4,778	1,848	3,936	1,415	(D)	(D)	(D)	(D)
	EAST NORTH CENTRAL.....	993,244	425,957	546,309	229,528	250,775	109,493	196,160	86,936
	Ohio.....	323,894	150,770	137,307	65,864	88,202	38,874	98,385	46,032
25	Furniture and fixtures.....	6,617	2,979	650	418	(D)	(D)	(D)	(D)
2541	Wood partitions and fixtures.....	154	88	-	-	-	-	158	88
2542	Metal partitions and fixtures.....	169	87	-	-	-	-	169	87
26	Paper and allied products.....	1,275	650	1,275	650	-	-	-	-
34	Fabricated metal products.....	142,361	65,223	53,398	23,553	46,994	20,907	41,969	20,763
3411	Metal cans.....	5,997	1,904	5,997	1,904	-	-	-	-
3423	Hand and edge tools.....	949	421	(D)	(D)	(D)	(D)	(D)	(D)
3429	Hardware, n.e.c.....	5,068	2,343	3,150	1,422	(D)	(D)	(D)	(D)
3433	Heating equipment, except electric.....	2,068	853	1,348	637	295	131	425	85
3441	Fabricated structural steel.....	541	314	(D)	(D)	265	242	(D)	(D)
3442	Metal doors, sash, and trim.....	37,564	14,870	7,402	3,210	28,032	10,465	2,130	1,195
3443	Boiler shop products.....	480	290	460	275	(D)	(D)	(D)	(D)
3446	Architectural metalwork.....	1,358	617	(D)	(D)	1,313	583	(D)	(D)
3449	Miscellaneous metalwork, n.e.c.....	1,384	547	1,145	437	(D)	(D)	(D)	(D)
3451	Screw machine products.....	2,508	1,559	28	20	2,004	1,235	476	304
3452	Bolts, nuts, rivets, and washers.....	1,226	637	417	126	226	43	583	468
3461	Metal stampings.....	35,226	17,065	19,736	9,459	(D)	(D)	(D)	(D)
3481	Fabricated wire products, n.e.c.....	203	120	(D)	(D)	(D)	(D)	124	54
3494	Valves and pipe fittings.....	756	534	-	-	275	269	481	265
3499	Fabricated metal products, n.e.c.....	313	170	257	150	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	13,256	7,197	(D)	(D)	2,514	1,283	(D)	(D)
3522	Farm machinery and equipment.....	111	59	(D)	(D)	(D)	(D)	(D)	(D)
3531	Construction machinery.....	407	229	(D)	(D)	213	120	(D)	(D)
3535	Conveyors.....	406	210	224	111	(D)	(D)	(D)	(D)
3537	Industrial trucks and tractors.....	264	137	(D)	(D)	(D)	(D)	(D)	(D)
3541	Metal-cutting machine tools.....	925	564	839	488	(D)	(D)	(D)	(D)
3544	Special dies and tools.....	383	267	157	144	57	48	169	75
3548	Metalworking machinery, n.e.c.....	110	149	-	-	(D)	(D)	(D)	(D)
3551	Food products machinery.....	113	93	(D)	(D)	(D)	(D)	(D)	(D)
3561	Pumps and compressors.....	101	104	(D)	(D)	(D)	(D)	-	-
3564	Blowers and fans.....	894	449	(D)	(D)	(D)	(D)	(D)	(D)
3569	General industry machines, n.e.c.....	171	219	(D)	(D)	77	158	(D)	(D)
3576	Scales and balances.....	213	300	(D)	(D)	(D)	(D)	(D)	(D)
3579	Office machines, n.e.c.....	110	65	(D)	(D)	(D)	(D)	-	-
3585	Refrigeration machinery.....	3,610	1,593	(D)	(D)	(D)	(D)	(D)	(D)
3589	Service industry machines, n.e.c.....	137	66	(D)	(D)	(D)	(D)	-	-
3599	Miscellaneous machinery.....	1,551	523	239	135	1,143	235	169	153
36	Electrical machinery.....	33,030	14,617	17,175	7,223	10,824	4,894	5,031	2,500
3611	Electric measuring instruments.....	167	67	(D)	(D)	(D)	(D)	-	-
3621	Motors and generators.....	2,217	870	(D)	(D)	(D)	(D)	(D)	(D)
3622	Industrial controls.....	324	176	(D)	(D)	(D)	(D)	(D)	(D)
3642	Lighting fixtures.....	2,931	1,316	2,556	1,145	(D)	(D)	(D)	(D)
3643	Current carrying devices.....	1,343	773	(D)	(D)	(D)	(D)	255	195
3662	Radio, TV communications equipment.....	364	280	65	39	(D)	(D)	(D)	(D)
3679	Electronic components, n.e.c.....	1,680	867	1,043	411	(D)	(D)	(D)	(D)
37	Transportation equipment.....	59,173	28,679	30,386	16,360	19,641	8,061	9,146	4,258
3713	Truck and bus bodies.....	2,008	938	(D)	(D)	1,431	668	(D)	(D)
3717	Motor vehicles and parts.....	13,924	6,616	12,865	6,035	(D)	(D)	(D)	(D)
3722	Aircraft engines and parts.....	1,541	1,004	(D)	(D)	(D)	(D)	1,526	991
3729	Aircraft equipment, n.e.c.....	7,300	5,009	(D)	(D)	1,398	1,223	(D)	(D)
3799	Transportation equipment, n.e.c.....	258	128	(D)	(D)	(D)	(D)	(D)	(D)
39	Miscellaneous manufacturing.....	1,384	717	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 14. Consumption of Aluminum and Aluminum-Base Alloy Mill Shapes and Forms by Metal Fabricating Establishments, Selected Industry Groups and Industries, Within States: 1963--Continued

Code	Division, State, industry group, and industry ¹	Total ²		Sheet, plate, and foil (335202, 335203, and 335231)		Extruded shapes (335205)		All other (335207, 335208, and 335209)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
	EAST NORTH CENTRAL--Continued								
	Indiana.....	144,716	59,858	94,516	38,065	33,532	14,884	16,668	6,909
25	Furniture and fixtures.....	859	494	(D)	(D)	(D)	(D)	(D)	(D)
2522	Metal office furniture.....	68	82	-	-	-	-	68	82
34	Fabricated metal products.....	64,430	24,195	42,021	15,065	20,526	8,167	1,883	963
3429	Hardware, n.e.c.....	277	146	(D)	(D)	(D)	(D)	(D)	(D)
3441	Fabricated structural steel.....	1,394	633	(D)	(D)	(D)	(D)	(D)	(D)
3442	Metal doors, sash, and trim.....	16,211	6,378	(D)	(D)	14,759	5,647	(D)	(D)
3444	Sheet metalwork.....	7,608	2,781	7,192	2,612	(D)	(D)	(D)	(D)
3446	Architectural metalwork.....	891	426	(D)	(D)	(D)	(D)	-	-
3451	Screw machine products.....	517	316	-	-	153	98	364	218
35	Machinery, except electrical.....	20,407	8,432	10,411	4,554	(D)	(D)	(D)	(D)
3522	Farm machinery and equipment.....	240	63	(D)	(D)	(D)	(D)	(D)	(D)
3544	Special dies and tools.....	132	114	(D)	(D)	(D)	(D)	(D)	(D)
3559	Special industry machines, n.e.c.....	406	247	325	203	(D)	(D)	(D)	(D)
3585	Refrigeration machinery.....	5,883	2,723	5,706	2,567	(D)	(D)	(D)	(D)
36	Electrical machinery.....	21,569	9,273	14,297	6,059	3,217	1,380	4,055	1,834
37	Transportation equipment.....	32,327	14,173	22,954	9,514	7,950	4,011	1,423	648
3717	Motor vehicles and parts.....	1,402	1,056	504	258	(D)	(D)	(D)	(D)
3722	Aircraft engines and parts.....	64	56	(D)	(D)	(D)	(D)	(D)	(D)
3732	Boat building and repairing.....	7,453	3,220	6,746	2,876	(D)	(D)	(D)	(D)
3791	Trailer coaches.....	12,308	5,534	11,406	4,475	(D)	(D)	(D)	(D)
	Illinois.....	177,979	69,972	107,281	39,602	36,557	16,909	34,141	13,461
24	Lumber and wood products.....	1,965	927	340	57	1,198	490	427	380
26	Paper and allied products.....	1,758	1,061	1,758	1,061	-	-	-	-
33	Primary metal industries.....	2,908	1,144	-	-	-	-	2,908	1,144
34	Fabricated metal products.....	103,622	41,256	67,950	25,806	27,885	11,972	7,787	3,478
3411	Metal cans.....	2,347	856	(D)	(D)	(D)	(D)	(D)	(D)
3423	Hand and edge tools.....	109	87	(D)	(D)	(D)	(D)	-	-
3429	Hardware, n.e.c.....	6,599	2,975	(D)	(D)	4,944	2,111	(D)	(D)
3441	Fabricated structural steel.....	457	278	(D)	(D)	340	183	(D)	(D)
3442	Metal doors, sash, and trim.....	25,177	9,754	(D)	(D)	16,810	6,538	(D)	(D)
3444	Sheet metalwork.....	7,153	2,557	6,572	2,304	564	241	(D)	(D)
3446	Architectural metalwork.....	439	245	(D)	(D)	377	192	(D)	(D)
3449	Miscellaneous metalwork, n.e.c.....	12,971	4,185	(D)	(D)	(D)	(D)	(D)	(D)
3451	Screw machine products.....	1,653	1,191	53	32	737	575	863	584
3452	Bolts, nuts, rivets, and washers.....	1,608	894	(D)	(D)	(D)	(D)	930	624
3461	Metal stampings.....	16,433	8,086	14,396	7,149	(D)	(D)	(D)	(D)
3481	Fabricated wire products, n.e.c.....	739	429	(D)	(D)	(D)	(D)	(D)	(D)
3494	Valves and pipe fittings.....	626	336	-	-	314	228	312	108
3499	Fabricated metal products, n.e.c.....	1,081	562	942	422	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	29,472	10,151	18,902	6,295	1,631	928	8,939	2,928
3522	Farm machinery and equipment.....	899	782	817	726	(D)	(D)	(D)	(D)
3531	Construction machinery.....	214	137	(D)	(D)	(D)	(D)	(D)	(D)
3535	Conveyors.....	171	97	(D)	(D)	(D)	(D)	-	-
3544	Special dies and tools.....	153	109	88	52	54	46	(D)	(D)
3551	Food products machinery.....	1,464	689	1,232	628	(D)	(D)	(D)	(D)
3561	Pumps and compressors.....	268	137	(D)	(D)	(D)	(D)	-	-
3564	Blowers and fans.....	1,884	683	(D)	(D)	(D)	(D)	28	48
3566	Power transmission equipment.....	95	62	(D)	(D)	-	-	(D)	(D)
3569	General industry machines, n.e.c.....	79	61	(D)	(D)	(D)	(D)	(D)	(D)
3579	Office machines, n.e.c.....	87	83	(D)	(D)	(D)	(D)	(D)	(D)
3585	Refrigeration machinery.....	12,821	2,852	(D)	(D)	(D)	(D)	(D)	(D)
3599	Miscellaneous machinery.....	920	555	385	275	298	196	237	84
36	Electrical machinery.....	28,008	10,485	16,012	5,163	3,167	1,985	8,829	3,137
3631	Household cooking equipment.....	952	634	677	374	(D)	(D)	(D)	(D)
3642	Lighting fixtures.....	3,378	1,723	2,201	985	(D)	(D)	(D)	(D)
3643	Current carrying devices.....	492	105	(D)	(D)	(D)	(D)	-	-
3651	Radio and TV receiving sets.....	164	121	164	121	(D)	(D)	(D)	(D)
3661	Telephone; telegraph apparatus.....	3,244	1,922	1,060	681	(D)	(D)	50	79
3662	Radio, TV communications equipment.....	799	468	292	183	457	253	484	202
3679	Electronic components, n.e.c.....	6,938	1,028	6,355	734	100	92	-	-
37	Transportation equipment.....	3,764	1,851	1,914	950	816	448	1,714	718
3713	Truck and bus bodies.....	188	99	(D)	(D)	(D)	(D)	(D)	(D)
3717	Motor vehicles and parts.....	2,239	1,054	946	510	(D)	(D)	(D)	(D)
3722	Aircraft engines and parts.....	60	56	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 14. Consumption of Aluminum and Aluminum-Base Alloy Mill Shapes and Forms by Metal Fabricating Establishments, Selected Industry Groups and Industries, Within States: 1963--Continued

Code	Division, State, industry group, and industry ¹	Total ²		Sheet, plate, and foil (335202, 335203, and 335231)		Extruded shapes (335205)		All other (335207, 335208, and 335209)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
	EAST NORTH CENTRAL--Continued								
	Illinois--Continued								
38	Instruments and related products.....	3,203	1,433	243	140	(D)	(D)	(D)	(D)
3811	Scientific instruments.....	243	120	81	40	(D)	(D)	(D)	(D)
39	Miscellaneous manufacturing.....	1,757	928	(D)	(D)	(D)	(D)	(D)	(D)
3949	Sporting and athletic goods.....	772	439	(D)	(D)	(D)	(D)	(D)	(D)
	Michigan.....	214,185	94,738	111,430	50,559	62,794	26,960	39,961	17,219
25	Furniture and fixtures.....	2,097	827	(D)	(D)	(D)	(D)	1,644	626
2522	Metal office furniture.....	244	188	-	-	-	-	244	188
2541	Wood partitions and fixtures.....	127	73	-	-	-	-	127	73
34	Fabricated metal products.....	117,809	50,088	61,755	25,875	35,514	14,415	20,540	9,798
3441	Fabricated structural steel.....	7,099	3,460	3,654	2,041	(D)	(D)	(D)	(D)
3442	Metal doors, sash, and trim.....	48,500	18,497	11,668	4,346	28,406	11,002	8,426	3,149
3443	Boiler shop products.....	600	188	(D)	(D)	(D)	(D)	-	-
3444	Sheet metalwork.....	23,473	8,461	22,733	8,184	(D)	(D)	(D)	(D)
3446	Architectural metalwork.....	314	169	(D)	(D)	187	101	(D)	(D)
3451	Screw machine products.....	1,656	1,137	(D)	(D)	1,174	729	(D)	(D)
3452	Bolts, nuts, rivets, and washers.....	1,849	1,073	-	-	(D)	(D)	(D)	(D)
3461	Metal stampings.....	12,960	7,236	11,683	6,279	(D)	(D)	(D)	(D)
3481	Fabricated wire products, n.e.c.....	142	64	(D)	(D)	(D)	(D)	(D)	(D)
3498	Fabricated pipe and fittings.....	336	222	-	-	(D)	(D)	(D)	(D)
3499	Fabricated metal products, n.e.c.....	706	301	(D)	(D)	427	208	(D)	(D)
35	Machinery, except electrical.....	9,164	4,853	3,303	1,482	4,879	2,789	982	582
3535	Conveyors.....	1,327	796	(D)	(D)	783	502	(D)	(D)
3541	Metal-cutting machine tools.....	62	50	(D)	(D)	(D)	(D)	(D)	(D)
3544	Special dies and tools.....	1,424	747	377	165	939	497	108	85
3545	Machine tool accessories.....	389	118	(D)	(D)	184	63	(D)	(D)
3585	Refrigeration machinery.....	773	459	(D)	(D)	347	264	(D)	(D)
3599	Miscellaneous machinery.....	702	411	144	80	155	150	403	181
36	Electrical machinery.....	6,638	4,267	2,412	2,051	(D)	(D)	(D)	(D)
3621	Motors and generators.....	1,406	458	(D)	(D)	(D)	(D)	(D)	(D)
3632	Household refrigerators.....	1,189	1,440	(D)	(D)	(D)	(D)	-	-
3679	Electronic components, n.e.c.....	214	190	(D)	(D)	(D)	(D)	(D)	(D)
37	Transportation equipment.....	71,410	31,432	42,773	20,410	(D)	(D)	(D)	(D)
3713	Truck and bus bodies.....	1,912	846	1,475	670	(D)	(D)	(D)	(D)
3717	Motor vehicles and parts.....	48,035	22,937	(D)	(D)	13,236	5,734	(D)	(D)
3722	Aircraft engines and parts.....	608	327	(D)	(D)	(D)	(D)	(D)	(D)
3729	Aircraft equipment, n.e.c.....	3,891	2,159	(D)	(D)	(D)	(D)	(D)	(D)
3791	Trailer coaches.....	9,204	3,697	8,378	3,291	(D)	(D)	(D)	(D)
39	Miscellaneous manufacturing.....	1,804	833	-	-	-	-	1,804	833
3949	Sporting and athletic goods.....	1,630	764	-	-	-	-	1,630	764
	Wisconsin.....	132,470	50,619	95,775	35,438	29,690	11,866	7,005	3,315
24	Lumber and wood products.....	896	680	-	-	(D)	(D)	(D)	(D)
2431	Millwork plants.....	896	680	-	-	(D)	(D)	(D)	(D)
34	Fabricated metal products.....	92,743	33,241	82,434	28,678	8,216	3,503	2,093	1,060
3429	Hardware, n.e.c.....	497	235	(D)	(D)	(D)	(D)	-	-
3442	Metal doors, sash, and trim.....	6,810	2,786	(D)	(D)	5,807	2,326	(D)	(D)
3443	Boiler shop products.....	554	261	(D)	(D)	(D)	(D)	-	-
3444	Sheet metalwork.....	6,933	2,386	6,255	2,115	(D)	(D)	(D)	(D)
3446	Architectural metalwork.....	311	162	(D)	(D)	(D)	(D)	(D)	(D)
3451	Screw machine products.....	239	161	-	-	143	94	96	67
3461	Metal stampings.....	60,937	21,241	59,691	21,042	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	24,126	9,774	(D)	(D)	(D)	(D)	1,173	449
3544	Special dies and tools.....	156	91	(D)	(D)	(D)	(D)	(D)	(D)
3551	Food products machinery.....	110	63	66	33	(D)	(D)	(D)	(D)
3585	Refrigeration machinery.....	1,314	1,004	937	798	(D)	(D)	(D)	(D)
36	Electrical machinery.....	5,524	2,694	2,820	1,407	990	685	1,714	602
3622	Industrial controls.....	477	265	(D)	(D)	(D)	(D)	(D)	(D)
3632	Household refrigerators.....	343	271	(D)	(D)	(D)	(D)	-	-
3634	Electric housewares and fans.....	688	279	658	255	(D)	(D)	(D)	(D)
37	Transportation equipment.....	6,879	2,987	4,575	2,055	(D)	(D)	(D)	(D)
3731	Ship building and repairing.....	205	117	(D)	(D)	(D)	(D)	(D)	(D)
3791	Trailer coaches.....	815	327	(D)	(D)	(D)	(D)	-	-
39	Miscellaneous manufacturing.....	931	618	-	-	-	-	931	618

See footnotes at end of table.

TABLE 14. Consumption of Aluminum and Aluminum-Base Alloy Mill Shapes and Forms by Metal Fabricating Establishments, Selected Industry Groups and Industries, Within States: 1963--Continued

Code	Division, State, industry group, and industry ¹	Total ²		Sheet, plate, and foil (335202, 335203, and 335231)		Extruded shapes (335205)		All other (335207, 335208, and 335209)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
	WEST NORTH CENTRAL.....	183,489	99,063	110,011	53,681	51,443	33,041	22,035	12,341
	Minnesota.....	35,289	18,192	22,842	10,555	8,267	4,449	4,180	3,188
34	Fabricated metal products.....	15,676	6,540	10,179	4,079	5,232	2,334	265	127
3442	Metal doors, sash, and trim.....	4,305	1,634	1,304	482	3,001	1,152	-	-
3444	Sheet metalwork.....	3,263	1,155	2,982	1,039	(D)	(D)	(D)	(D)
3446	Architectural metalwork.....	229	114	(D)	(D)	(D)	(D)	(D)	(D)
3461	Metal stampings.....	1,320	869	1,320	869	-	-	-	-
3499	Fabricated metal products, n.e.c.....	836	407	(D)	(D)	522	209	(D)	(D)
35	Machinery, except electrical.....	6,427	3,646	5,506	2,990	673	484	248	192
3564	Blowers and fans.....	118	54	118	54	-	-	-	-
3571	Computing and related machines.....	258	257	(D)	(D)	(D)	(D)	-	-
3599	Miscellaneous machinery.....	646	404	259	149	245	160	142	95
36	Electrical machinery.....	1,005	657	(D)	(D)	(D)	(D)	98	44
3651	Radio and TV receiving sets.....	280	126	(D)	(D)	(D)	(D)	-	-
3662	Radio, TV communications equipment.....	324	224	212	139	84	62	28	23
37	Transportation equipment.....	4,437	2,188	3,414	1,592	(D)	(D)	(D)	(D)
39	Miscellaneous manufacturing.....	863	459	-	-	-	-	863	459
	Iowa.....	15,262	6,803	7,320	2,987	5,384	2,538	2,558	1,278
34	Fabricated metal products.....	6,544	2,883	2,146	916	3,972	1,744	426	223
3442	Metal doors, sash, and trim.....	2,349	1,114	(D)	(D)	1,468	698	(D)	(D)
3444	Sheet metalwork.....	2,654	1,090	(D)	(D)	(D)	(D)	-	-
3461	Metal stampings.....	119	55	(D)	(D)	(D)	(D)	-	-
35	Machinery, except electrical.....	502	280	296	162	169	90	37	28
3522	Farm machinery and equipment.....	165	87	139	67	26	20	-	-
36	Electrical machinery.....	4,949	2,280	(D)	(D)	(D)	(D)	1,336	683
37	Transportation equipment.....	1,438	593	1,295	529	143	64	-	-
3791	Trailer coaches.....	1,043	396	(D)	(D)	(D)	(D)	-	-
	Missouri.....	73,910	33,830	44,656	20,054	22,089	10,741	7,165	3,035
25	Furniture and fixtures.....	9,167	3,061	(D)	(D)	5,311	1,779	(D)	(D)
34	Fabricated metal products.....	34,300	13,540	21,207	7,647	11,944	5,355	1,149	538
3442	Metal doors, sash, and trim.....	9,594	3,720	(D)	(D)	5,350	2,069	(D)	(D)
3446	Architectural metalwork.....	775	371	(D)	(D)	(D)	(D)	(D)	(D)
3451	Screw machine products.....	243	159	(D)	(D)	(D)	(D)	(D)	(D)
3461	Metal stampings.....	2,800	1,238	(D)	(D)	-	-	(D)	(D)
3494	Valves and pipe fittings.....	47	51	(D)	(D)	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	4,539	2,388	(D)	(D)	(D)	(D)	1,952	846
3551	Food products machinery.....	116	51	(D)	(D)	(D)	(D)	(D)	(D)
3585	Refrigeration machinery.....	755	341	(D)	(D)	(D)	(D)	-	-
3589	Service industry machines, n.e.c.....	67	54	(D)	(D)	-	-	(D)	(D)
3599	Miscellaneous machinery.....	768	413	(D)	(D)	(D)	(D)	139	85
36	Electrical machinery.....	8,272	4,381	5,957	3,023	1,242	643	1,073	715
3642	Lighting fixtures.....	561	322	(D)	(D)	(D)	(D)	-	-
3643	Current carrying devices.....	2,181	1,162	(D)	(D)	(D)	(D)	575	378
37	Transportation equipment.....	13,150	8,839	7,837	5,688	(D)	(D)	(D)	(D)
3713	Truck and bus bodies.....	1,151	468	475	189	(D)	(D)	(D)	(D)
	North Dakota.....	191	104	187	93	(D)	(D)	(D)	(D)
	South Dakota.....	665	289	455	177	(D)	(D)	(D)	(D)
	Nebraska.....	17,446	8,500	9,524	4,738	2,726	1,204	5,196	2,448
34	Fabricated metal products.....	5,632	2,745	4,008	2,092	1,381	542	2,916	2,265
	Kansas.....	40,726	31,345	25,027	15,077	12,783	14,003	2,977	1,111
35	Machinery, except electrical.....	1,911	916	804	427	810	306	297	111
37	Transportation equipment.....	31,578	27,117	(D)	(D)	(D)	(D)	1,863	1,714
3791	Trailer coaches.....	3,050	1,207	(D)	(D)	(D)	(D)	-	-

See footnotes at end of table.

TABLE 14. Consumption of Aluminum and Aluminum-Base Alloy Mill Shapes and Forms by Metal Fabricating Establishments, Selected Industry Groups and Industries, Within States: 1963--Continued

Code	Division, State, industry group, and industry ¹	Total ²		Sheet, plate, and foil (335202, 335203, and 335231)		Extruded shapes (335205)		All other (335207, 335208, and 335209)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
	SOUTH ATLANTIC.....	304,222	131,573	170,520	73,079	94,601	41,893	39,101	16,601
	Delaware.....	1,898	1,046	884	646	(D)	(D)	(D)	(D)
34	Fabricated metal products.....	1,225	563	(D)	(D)	(D)	(D)	(D)	(D)
	Maryland.....	41,205	19,691	20,937	9,841	11,141	5,955	9,127	3,895
25	Furniture and fixtures.....	2,309	1,130	(D)	(D)	(D)	(D)	(D)	(D)
2591	Venetian blinds and shades.....	1,758	923	(D)	(D)	(D)	(D)	-	-
34	Fabricated metal products.....	23,601	9,050	13,440	4,881	(D)	(D)	(D)	(D)
3442	Metal doors, sash, and trim.....	4,512	1,686	127	44	(D)	(D)	(D)	(D)
3443	Boiler shop products.....	290	154	209	114	(D)	(D)	-	-
3444	Sheet metalwork.....	1,442	578	836	328	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	435	257	121	53	(D)	(D)	(D)	(D)
3599	Miscellaneous machinery.....	87	63	38	27	(D)	(D)	(D)	(D)
36	Electrical machinery.....	3,487	1,246	1,226	570	(D)	(D)	(D)	(D)
37	Transportation equipment.....	6,725	6,023	4,742	3,816	(D)	(D)	(D)	(D)
3729	Aircraft equipment, n.e.c.....	5,653	5,346	4,122	3,509	(D)	(D)	(D)	(D)
	District of Columbia.....	516	313	272	195	(D)	(D)	(D)	(D)
	Virginia.....	16,892	9,197	8,619	4,929	3,855	1,976	4,418	2,292
34	Fabricated metal products.....	6,527	3,119	3,020	1,574	(D)	(D)	(D)	(D)
3441	Fabricated structural steel.....	450	192	(D)	(D)	(D)	(D)	(D)	(D)
3442	Metal doors, sash, and trim.....	3,478	1,430	615	267	(D)	(D)	(D)	(D)
3444	Sheet metalwork.....	984	451	(D)	(D)	(D)	(D)	(D)	(D)
36	Electrical machinery.....	3,315	2,902	1,292	1,555	(D)	(D)	(D)	(D)
3662	Radio, TV communications equipment.....	376	195	(D)	(D)	-	-	(D)	(D)
37	Transportation equipment.....	2,297	1,119	(D)	(D)	(D)	(D)	(D)	(D)
	West Virginia.....	6,265	2,727	5,183	2,247	(D)	(D)	(D)	(D)
34	Fabricated metal products.....	4,134	1,715	(D)	(D)	(D)	(D)	(D)	(D)
	North Carolina.....	33,482	16,405	20,138	9,971	7,872	4,018	5,472	2,416
25	Furniture and fixtures.....	673	353	(D)	(D)	234	146	(D)	(D)
34	Fabricated metal products.....	15,891	6,144	10,965	4,161	4,642	1,862	284	121
3442	Metal doors, sash, and trim.....	5,039	2,018	(D)	(D)	4,482	1,773	(D)	(D)
3461	Metal stampings.....	143	101	121	84	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	4,820	2,667	1,404	879	1,270	883	2,146	905
3552	Textile machinery.....	1,868	1,061	602	457	(D)	(D)	(D)	(D)
3585	Refrigeration machinery.....	1,563	655	(D)	(D)	(D)	(D)	(D)	(D)
3599	Miscellaneous machinery.....	807	512	(D)	(D)	(D)	(D)	(D)	(D)
36	Electrical machinery.....	6,096	3,919	2,957	2,654	(D)	(D)	(D)	(D)
37	Transportation equipment.....	3,636	1,671	3,364	1,517	(D)	(D)	(D)	(D)
3713	Truck and bus bodies.....	307	217	(D)	(D)	(D)	(D)	-	-
	South Carolina.....	13,389	7,177	12,066	6,493	811	431	512	253
36	Electrical machinery.....	2,135	1,867	1,797	1,740	(D)	(D)	(D)	(D)
	Georgia.....	72,104	33,570	39,713	18,854	17,899	9,215	14,492	5,501
34	Fabricated metal products.....	28,402	13,016	22,997	10,662	2,955	1,367	2,450	987
3442	Metal doors, sash, and trim.....	5,635	2,224	(D)	(D)	2,306	1,028	(D)	(D)
3443	Boiler shop products.....	2,351	1,174	(D)	(D)	(D)	(D)	-	-
3444	Sheet metalwork.....	1,637	707	1,427	614	(D)	(D)	(D)	(D)
3461	Metal stampings.....	16,379	7,961	16,148	7,841	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	2,368	1,119	1,534	623	(D)	(D)	(D)	(D)
3551	Food products machinery.....	127	90	(D)	(D)	(D)	(D)	(D)	(D)
3552	Textile machinery.....	80	61	(D)	(D)	(D)	(D)	(D)	(D)
36	Electrical machinery.....	2,998	1,142	(D)	(D)	136	60	(D)	(D)

See footnotes at end of table.

TABLE 14. Consumption of Aluminum and Aluminum-Base Alloy Mill Shapes and Forms by Metal Fabricating Establishments, Selected Industry Groups and Industries, Within States: 1963--Continued

Code	Division, State, industry group, and industry ¹	Total ²		Sheet, plate, and foil (335202, 335203, and 335231)		Extruded shapes (335205)		All other (335207, 335208, and 335209)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
	SOUTH ATLANTIC--Continued								
	Georgia--Continued								
37	Transportation equipment.....	17,554	10,542	(D)	(D)	(D)	(D)	(D)	(D)
3791	Trailer coaches.....	4,329	1,688	(D)	(D)	(D)	(D)	(D)	(D)
	Florida.....	118,471	41,447	62,708	19,903	50,881	19,422	4,882	2,122
25	Furniture and fixtures.....	6,860	2,627	(D)	(D)	(D)	(D)	1,613	705
2514	Metal household furniture.....	6,503	2,399	(D)	(D)	(D)	(D)	1,328	534
34	Fabricated metal products.....	102,015	34,330	55,117	16,282	44,653	17,044	2,245	1,004
3411	Metal cans.....	33,082	8,391	33,082	8,391	-	-	-	-
3429	Hardware, n.e.c.....	491	218	(D)	(D)	(D)	(D)	-	-
3441	Fabricated structural steel.....	993	497	360	212	(D)	(D)	(D)	(D)
3442	Metal doors, sash, and trim.....	49,822	18,463	8,140	2,628	40,336	15,216	1,346	619
3444	Sheet metalwork.....	5,931	2,244	4,835	1,836	(D)	(D)	(D)	(D)
3446	Architectural metalwork.....	696	300	(D)	(D)	561	239	(D)	(D)
3449	Miscellaneous metalwork, n.e.c.....	2,156	959	1,356	625	(D)	(D)	(D)	(D)
3499	Fabricated metal products, n.e.c.....	599	272	(D)	(D)	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	1,297	544	(D)	(D)	574	237	(D)	(D)
3564	Blowers and fans.....	159	82	(D)	(D)	(D)	(D)	(D)	(D)
3599	Miscellaneous machinery.....	502	171	57	27	(D)	(D)	(D)	(D)
36	Electrical machinery.....	2,642	1,312	1,904	900	479	294	259	118
3662	Radio, TV communications equipment.....	1,784	841	1,370	627	329	179	85	35
37	Transportation equipment.....	4,226	1,892	3,259	1,526	836	322	131	44
3791	Trailer coaches.....	2,957	1,104	2,320	971	(D)	(D)	(D)	(D)
	EAST SOUTH CENTRAL.....	164,029	81,938	94,587	48,388	48,267	23,671	21,175	9,879
	Kentucky.....	85,230	42,985	64,780	33,668	14,960	7,011	5,490	2,306
34	Fabricated metal products.....	69,939	35,753	54,960	29,856	(D)	(D)	(D)	(D)
3442	Metal doors, sash, and trim.....	5,049	1,965	(D)	(D)	(D)	(D)	(D)	(D)
3499	Fabricated metal products, n.e.c.....	1,211	423	(D)	(D)	(D)	(D)	(D)	(D)
	Tennessee.....	41,665	21,404	12,015	6,175	21,186	11,295	8,464	3,934
25	Furniture and fixtures.....	3,812	1,945	(D)	(D)	(D)	(D)	2,787	1,402
34	Fabricated metal products.....	14,409	5,840	2,845	1,329	10,993	4,261	571	250
3429	Hardware, n.e.c.....	1,193	521	1,022	438	(D)	(D)	(D)	(D)
3442	Metal doors, sash, and trim.....	10,043	3,918	393	199	9,595	3,696	55	23
3444	Sheet metalwork.....	204	80	(D)	(D)	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	3,564	2,459	2,031	943	(D)	(D)	(D)	(D)
37	Transportation equipment.....	14,670	9,411	(D)	(D)	(D)	(D)	(D)	(D)
3732	Boat building and repairing.....	388	188	(D)	(D)	(D)	(D)	(D)	(D)
	Alabama.....	24,298	12,205	12,774	6,231	6,096	3,212	5,428	2,762
34	Fabricated metal products.....	16,391	7,060	9,726	4,296	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	1,804	704	(D)	(D)	(D)	(D)	(D)	(D)
36	Electrical machinery.....	2,287	2,245	(D)	(D)	(D)	(D)	(D)	(D)
	Mississippi.....	12,836	5,344	5,018	2,314	6,025	2,153	1,793	877
34	Fabricated metal products.....	7,666	2,934	(D)	(D)	5,668	1,978	(D)	(D)
3442	Metal doors, sash, and trim.....	5,697	1,979	-	-	(D)	(D)	(D)	(D)
36	Electrical machinery.....	792	559	499	372	(D)	(D)	(D)	(D)
	WEST SOUTH CENTRAL.....	116,320	53,504	56,065	27,542	45,642	19,129	14,615	6,334
	Arkansas.....	9,815	4,089	3,301	1,263	2,886	1,310	1,628	1,116
25	Furniture and fixtures.....	2,751	1,257	(D)	(D)	105	76	(D)	(D)
34	Fabricated metal products.....	2,604	1,059	(D)	(D)	(D)	(D)	(D)	(D)
37	Transportation equipment.....	1,137	474	974	400	163	74	-	-
3791	Trailer coaches.....	366	147	366	147	-	-	-	-

See footnotes at end of table.

TABLE 14. Consumption of Aluminum and Aluminum-Base Alloy Mill Shapes and Forms by Metal Fabricating Establishments, Selected Industry Groups and Industries, Within States: 1963--Continued

Code	Division, State, industry group, and industry ¹	Total ²		Sheet, plate, and foil (335202, 335203, and 335231)		Extruded shapes (335205)		All other (335207, 335208, and 335209)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
	WEST SOUTH CENTRAL--Continued								
	Louisiana.....	14,748	6,298	6,417	2,967	5,088	2,024	3,243	1,307
34	Fabricated metal products.....	12,755	5,296	5,789	2,516	(D)	(D)	(D)	(D)
3442	Metal doors, sash, and trim.....	5,219	2,062	(D)	(D)	(D)	(D)	(D)	(D)
	Oklahoma.....	10,602	5,711	7,575	3,592	2,682	1,880	345	239
34	Fabricated metal products.....	4,831	2,182	3,652	1,612	(D)	(D)	(D)	(D)
3442	Metal doors, sash, and trim.....	1,664	722	(D)	(D)	(D)	(D)	(D)	(D)
3443	Boiler shop products.....	1,461	641	(D)	(D)	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	1,943	1,072	1,559	759	(D)	(D)	(D)	(D)
3533	Oilfield machinery.....	280	185	(D)	(D)	(D)	(D)	-	-
3585	Refrigeration machinery.....	755	357	755	357	-	-	-	-
37	Transportation equipment.....	3,438	2,134	(D)	(D)	1,339	1,121	(D)	(D)
3729	Aircraft equipment, n.e.c.....	369	358	(D)	(D)	(D)	(D)	(D)	(D)
3791	Trailer coaches.....	1,153	443	(D)	(D)	-	-	-	-
	Texas.....	81,155	37,406	38,772	19,720	34,986	13,915	7,397	3,771
24	Lumber and wood products.....	470	287	-	-	(D)	(D)	(D)	(D)
25	Furniture and fixtures.....	2,542	1,478	(D)	(D)	159	68	(D)	(D)
2591	Venetian blinds and shades.....	181	99	(D)	(D)	(D)	(D)	(D)	(D)
33	Primary metal industries.....	1,340	439	-	-	-	-	1,340	439
34	Fabricated metal products.....	37,868	14,151	11,448	5,288	24,907	8,205	1,513	658
3442	Metal doors, sash, and trim.....	26,012	9,194	(D)	(D)	23,255	7,481	(D)	(D)
3443	Boiler shop products.....	1,814	955	1,506	789	(D)	(D)	(D)	(D)
3444	Sheet metalwork.....	2,914	1,162	(D)	(D)	(D)	(D)	-	-
3446	Architectural metalwork.....	346	231	(D)	(D)	(D)	(D)	-	-
3451	Screw machine products.....	137	100	-	-	45	-	92	52
3461	Metal stampings.....	325	198	319	195	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	7,553	3,554	5,160	2,078	1,922	1,290	471	186
3533	Oilfield machinery.....	438	404	25	21	(D)	(D)	(D)	(D)
3564	Blowers and fans.....	134	55	(D)	(D)	(D)	(D)	-	-
3585	Refrigeration machinery.....	4,940	1,941	4,796	1,863	(D)	(D)	(D)	(D)
3599	Miscellaneous machinery.....	377	231	117	72	237	144	23	15
36	Electrical machinery.....	3,287	1,932	1,539	910	(D)	(D)	(D)	(D)
37	Transportation equipment.....	25,084	13,844	17,290	9,584	7,347	3,852	447	408
3713	Truck and bus bodies.....	404	186	163	97	237	87	(D)	(D)
3715	Truck trailers.....	5,513	2,130	(D)	(D)	(D)	(D)	-	-
3721	Aircraft.....	8,224	6,278	7,185	5,076	806	952	233	250
3729	Aircraft equipment, n.e.c.....	5,141	2,757	(D)	(D)	(D)	(D)	127	132
3731	Ship building and repairing.....	140	79	105	59	(D)	(D)	(D)	(D)
3791	Trailer coaches.....	2,577	1,060	(D)	(D)	(D)	(D)	-	-
	MOUNTAIN, TOTAL.....	23,281	13,581	10,952	6,121	8,074	5,114	4,255	2,346
	Montana.....	172	109	(D)	(D)	(D)	(D)	(D)	(D)
	Idaho.....	1,486	671	(D)	(D)	(D)	(D)	-	-
37	Transportation equipment.....	1,292	599	1,292	599	-	-	-	-
	Wyoming.....	82	67	(D)	(D)	(D)	(D)	(D)	(D)
	Colorado.....	8,436	5,506	2,886	1,759	4,863	3,389	687	358
34	Fabricated metal products.....	2,839	1,318	869	460	1,913	821	57	37
3442	Metal doors, sash, and trim.....	1,858	738	(D)	(D)	(D)	(D)	-	-
3443	Boiler shop products.....	433	261	(D)	(D)	(D)	(D)	(D)	(D)
35	Machinery, except electrical.....	815	611	405	281	(D)	(D)	(D)	(D)
37	Transportation equipment.....	3,752	3,005	1,086	716	(D)	(D)	(D)	(D)
3791	Trailer coaches.....	155	65	(D)	(D)	-	-	(D)	(D)
	New Mexico.....	2,103	1,410	1,289	866	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 14. Consumption of Aluminum and Aluminum-Base Alloy Mill Shapes and Forms by Metal Fabricating Establishments, Selected Industry Groups and Industries, Within States: 1963--Continued

Code	Division, State, industry group, and industry ¹	Total ²		Sheet, plate, and foil (335202, 335203, and 335231)		Extruded shapes (335205)		All other (335207, 335208, and 335209)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
	MOUNTAIN--Continued								
	Arizona.....	5,417	2,973	2,819	1,513	2,412	1,298	186	162
34	Fabricated metal products.....	2,687	1,156	(D)	(D)	1,550	667	(D)	(D)
3444	Sheet metalwork.....	1,198	485	(D)	(D)	(D)	(D)	-	-
35	Machinery, except electrical.....	1,157	619	(D)	(D)	565	329	(D)	(D)
37	Transportation equipment.....	1,088	803	831	557	(D)	(D)	(D)	(D)
	Utah.....	5,585	2,845	2,262	1,170	(D)	(D)	(D)	(D)
34	Fabricated metal products.....	1,487	772	1,102	607	(D)	(D)	(D)	(D)
3443	Boiler shop products.....	460	193	120	56	(D)	(D)	(D)	(D)
37	Transportation equipment.....	3,139	1,586	(D)	(D)	(D)	(D)	(D)	(D)
	Nevada.....	-	-	-	-	-	-	-	-
	PACIFIC.....	370,937	202,792	183,817	94,761	99,594	56,944	87,526	51,087
	Washington.....	24,867	14,496	(D)	(D)	11,816	6,169	(D)	(D)
34	Fabricated metal products.....	8,054	3,224	(D)	(D)	5,847	2,164	(D)	(D)
3441	Fabricated structural steel.....	261	140	(D)	(D)	(D)	(D)	(D)	(D)
3442	Metal doors, sash, and trim.....	5,834	2,154	(D)	(D)	5,421	1,950	(D)	(D)
3444	Sheet metalwork.....	639	341	(D)	(D)	(D)	(D)	-	-
3461	Metal stampings.....	250	102	(D)	(D)	(D)	(D)	-	-
37	Transportation equipment.....	10,522	6,164	4,052	2,403	4,453	2,459	2,017	1,302
3729	Aircraft equipment, n.e.c.....	1,466	771	40	35	152	133	1,274	603
	Oregon.....	16,190	8,276	9,623	4,154	3,794	1,656	2,773	2,466
34	Fabricated metal products.....	6,430	2,796	2,073	909	3,440	1,400	917	487
3441	Fabricated structural steel.....	129	104	129	104	-	-	-	-
3442	Metal doors, sash, and trim.....	893	366	(D)	(D)	(D)	(D)	(D)	(D)
3444	Sheet metalwork.....	1,993	796	(D)	(D)	(D)	(D)	-	-
37	Transportation equipment.....	3,958	2,983	(D)	(D)	(D)	(D)	(D)	(D)
3791	Trailer coaches.....	613	297	(D)	(D)	-	-	(D)	(D)
	California.....	329,232	179,505	164,347	84,645	83,954	49,100	80,931	45,760
19	Ordnance and accessories.....	80,750	47,420	38,908	21,128	(D)	(D)	(D)	(D)
1925	Complete guided missiles.....	9,966	10,363	(D)	(D)	(D)	(D)	(D)	(D)
24	Lumber and wood products.....	880	425	-	-	(D)	(D)	(D)	(D)
25	Furniture and fixtures.....	7,627	3,809	(D)	(D)	1,474	647	(D)	(D)
2514	Metal household furniture.....	3,458	1,471	(D)	(D)	(D)	(D)	(D)	(D)
2542	Metal partitions and fixtures.....	2,030	791	(D)	(D)	(D)	(D)	(D)	(D)
2591	Venetian blinds and shades.....	501	377	(D)	(D)	(D)	(D)	(D)	(D)
2599	Furniture and fixtures, n.e.c.....	101	65	(D)	(D)	-	-	(D)	(D)
26	Paper and allied products.....	2,704	1,622	2,704	1,622	-	-	-	-
33	Primary metal industries.....	9,407	3,825	-	-	-	-	9,407	3,825
34	Fabricated metal products.....	110,002	48,837	49,955	20,771	45,426	20,585	14,621	7,481
3429	Hardware, n.e.c.....	5,111	2,392	981	485	2,668	1,270	1,462	687
3433	Heating equipment, except electric.....	393	170	(D)	(D)	(D)	(D)	-	-
3441	Fabricated structural steel.....	2,294	952	306	176	1,915	727	73	49
3442	Metal doors, sash, and trim.....	51,038	21,250	5,454	1,844	33,069	14,686	12,515	5,736
3443	Boiler shop products.....	270	187	177	131	(D)	(D)	(D)	(D)
3444	Sheet metalwork.....	2,409	7,790	18,318	6,758	923	410	1,168	622
3446	Architectural metalwork.....	2,871	1,355	261	132	2,516	1,173	-	-
3449	Miscellaneous metalwork, n.e.c.....	5,940	2,949	(D)	(D)	(D)	(D)	(D)	(D)
3451	Screw machine products.....	822	608	(D)	(D)	(D)	(D)	1,224	826
3452	Bolts, nuts, rivets, and washers.....	1,406	935	(D)	(D)	(D)	(D)	-	-
3461	Metal stampings.....	3,286	2,007	3,186	1,926	100	-	(D)	(D)
3481	Fabricated wire products, n.e.c.....	619	306	(D)	(D)	-	-	(D)	(D)
3494	Valves and pipe fittings.....	1,566	842	348	196	908	491	310	144
3499	Fabricated metal products, n.e.c.....	2,653	1,247	(D)	(D)	1,620	781	(D)	(D)

See footnotes at end of table.

TABLE 14. Consumption of Aluminum and Aluminum-Base Alloy Mill Shapes and Forms by Metal Fabricating Establishments, Selected Industry Groups and Industries, Within States: 1963--Continued

Code	Division, State, industry group, and industry ¹	Total ²		Sheet, plate, and foil (335202, 335203, and 335231)		Extruded shapes (335205)		All other (335207, 335208, and 335209)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
	PACIFIC--Continued								
	California--Continued								
35	Machinery, except electrical.....	21,376	10,948	9,755	4,527	6,144	3,276	5,477	3,145
3522	Farm machinery and equipment.....	7,563	3,421	(D)	(D)	(D)	(D)	(D)	(D)
3531	Construction machinery.....	647	299	(D)	(D)	(D)	(D)	(D)	(D)
3533	Oilfield machinery.....	151	95	(D)	(D)	(D)	(D)	99	49
3537	Industrial trucks and tractors.....	271	128	(D)	(D)	(D)	(D)	-	-
3544	Special dies and tools.....	745	501	375	309	150	125	220	67
3551	Food products machinery.....	643	344	(D)	(D)	(D)	(D)	(D)	(D)
3564	Blowers and fans.....	472	192	(D)	(D)	(D)	(D)	(D)	(D)
3569	General industry machines, n.e.c.....	191	117	92	64	(D)	(D)	(D)	(D)
3571	Computing and related machines.....	748	590	572	460	(D)	(D)	(D)	(D)
3585	Refrigeration machinery.....	2,650	1,017	2,356	885	(D)	(D)	(D)	(D)
3589	Service industry machines, n.e.c.....	454	259	407	214	(D)	(D)	(D)	(D)
3599	Miscellaneous machinery.....	4,522	2,573	1,531	845	1,168	667	1,823	1,061
36	Electrical machinery.....	16,483	10,049	8,088	4,932	4,236	2,657	4,159	2,460
3611	Electric measuring instruments.....	1,532	1,368	1,105	670	(D)	(D)	(D)	(D)
3613	Switchgear and switchboards.....	366	224	(D)	(D)	83	(D)	(D)	(D)
3621	Motors and generators.....	578	356	(D)	(D)	(D)	(D)	(D)	(D)
3631	Household cooking equipment.....	277	131	(D)	(D)	(D)	(D)	-	-
3634	Electric housewares and fans.....	438	278	(D)	(D)	-	-	(D)	(D)
3642	Lighting fixtures.....	1,232	564	936	424	(D)	(D)	(D)	(D)
3662	Radio, TV communications equipment.....	5,028	2,941	2,071	1,345	1,117	880	1,840	716
3673	Electron tubes, transmitting.....	416	570	282	374	(D)	(D)	(D)	(D)
3679	Electronic components, n.e.c.....	2,996	2,210	1,389	902	275	228	1,332	1,080
37	Transportation equipment.....	73,355	49,065	52,735	30,602	17,352	15,899	3,268	2,564
3713	Truck and bus bodies.....	1,104	542	862	445	(D)	(D)	(D)	(D)
3715	Truck and trailers.....	7,340	3,081	3,847	1,677	3,410	1,356	83	48
3717	Motor vehicles and parts.....	7,290	3,262	(D)	(D)	(D)	(D)	(D)	(D)
3721	Aircraft.....	24,545	22,206	17,694	13,025	5,952	8,455	899	726
3722	Aircraft engines and parts.....	2,985	2,484	(D)	(D)	707	504	(D)	(D)
3729	Aircraft equipment, n.e.c.....	13,817	11,111	7,596	5,092	4,572	4,593	1,649	1,426
3731	Ship building and repairing.....	732	409	509	242	(D)	(D)	(D)	(D)
3791	Trailer coaches.....	13,367	5,221	12,954	4,997	(D)	(D)	(D)	(D)
3799	Transportation equipment, n.e.c.....	1,846	926	(D)	(D)	(D)	(D)	-	-
38	Instruments and related products.....	5,688	2,889	1,855	879	863	585	2,970	1,425
3811	Scientific instruments.....	758	683	532	442	119	118	107	123
3822	Automatic temperature controls.....	3,707	2,020	238	366	(D)	(D)	(D)	(D)
39	Miscellaneous manufacturing.....	960	616	(D)	(D)	-	-	(D)	(D)
3999	Miscellaneous products, n.e.c.....	141	78	-	-	-	-	-	-
	Alaska.....	(D)	(D)	(D)	(D)	-	-	-	-
	Hawaii.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

(D) Consumption totals suppressed, either (a) because they totaled less than \$50 thousand for 2-digit major groups, or \$25 thousand for 4-digit industries, or (b) because they could not be shown without approximating the operations of individual companies. (NA) Not available.

¹Data are published for selected industries only in the following major groups:

19 Ordnance and accessories	33 Primary metal industries	37 Transportation equipment
24 Lumber and wood products	34 Fabricated metal products	38 Instruments and related products
25 Furniture and fixtures	35 Machinery, except electrical	39 Miscellaneous manufacturing industries
26 Paper and allied products	36 Electrical machinery	

No data are available for industries in other major groups. Within each State an entry is shown for each major group listed above for which consumption data met publication standards. In addition, consumption was reported in selected major groups within States which were not publishable either (a) because they totaled less than \$250 thousand, or (b) because the totals could not be shown without approximating the operations of individual companies. The major groups within States with such nonpublishable consumption totals are as follows:

State	Major Groups	State	Major Groups
Maine	25, 34, 35, 36, 37 and 39	Pennsylvania	24, 26, 33, 38 and 39
New Hampshire	24, 33, 35, 38 and 39	Ohio	19, 24, 33 and 38
Vermont	34, 35, 36, 37 and 38	Indiana	19, 24, 26, 35, 38 and 39
Massachusetts	19, 24, 36 and 33	Illinois	19 and 25
Rhode Island	25, 33, 36, 38 and 39	Michigan	19, 24, 26, 33 and 38
Connecticut	19 and 26	Wisconsin	19, 25, 26 and 33
New York	19, 24 and 26	Minnesota	19, 24, 25, 26 and 38
New Jersey	24, 26 and 38	Iowa	19, 24, 25, 38 and 39
		Missouri	24, 26, 33, 38 and 39

Footnotes continued on next page.

TABLE 14. Consumption of Aluminum and Aluminum-Base Alloy Mill Shapes and Forms by Metal Fabricating Establishments, Selected Industry Groups and Industries, Within States: 1963--Continued

Footnotes for Table 14--Continued

<u>State</u>	<u>Major Groups</u>	<u>State</u>	<u>Major Groups</u>
North Dakota	34 and 35	Mississippi	24, 25, 35, 37 and 39
South Dakota	34 and 37	Arkansas	35 and 36
Nebraska	19, 24, 25, 33, 35, 36, 37 and 39	Louisiana	19, 24, 25, 26, 35 and 37
Kansas	24, 25, 26, 34 and 36	Oklahoma	24, 26, 36 and 38
Delaware	26, 35 and 37	Texas	26, 38 and 39
Maryland	19, 24, 26, 33, 38 and 39	Montana	24, 34, 35 and 37
District of Columbia	34, 35, 36 and 37	Idaho	34 and 35
Virginia	25, 35, 38 and 39	Wyoming	34 and 38
West Virginia	25, 35, 36 and 37	Colorado	19, 25, 36, 38 and 39
North Carolina	19, 24, 36, 33 and 39	New Mexico	19, 34, 35, 36 and 38
South Carolina	25, 34, 35, 37 and 39	Arizona	19, 25 and 36
Georgia	24, 25, 26, 38 and 39	Utah	25, 35 and 36
Florida	19, 24, 26, 38 and 39	Washington	19, 25, 26, 35, 36, 38 and 39
Kentucky	24, 25, 35, 36, 37 and 39	Oregon	24, 25, 26, 35, 36, 38 and 39
Tennessee	19, 24, 36 and 39	Alaska	34
Alabama	19, 24, 25, 26 and 37	Hawaii	24, 34 and 35

²The data shown in this table represent purchases by metal fabricating plants from other establishments, including interplant transfers between establishments operated by the same company. Statistics on the quantities of aluminum and aluminum-base alloy mill shapes and forms consumed in aluminum rolling and extruding mills in the production of fabricated products are excluded.

TABLE 15. Consumption of Aluminum Mill Shapes by Metal Fabricating Shapes, by States and State

(See appendix for an explanation)

	Division, State, and State economic area ¹	Aluminum and aluminum-base alloy mill shapes and forms ²							
		Total		Sheet, plate, and foil (335202, 335203, and 335231)		Extruded shapes (335205)		All other (335207, 335208, and 335209)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
1	UNITED STATES, TOTAL.....	2,780,034	1,309,845	1,456,771	664,861	806,747	393,587	516,516	251,397
2	NEW ENGLAND, TOTAL.....	126,653	71,384	51,361	27,143	46,300	27,382	28,992	16,859
3	Maine.....	2,286	1,420	1,597	891	447	270	(D)	(D)
4	A (Includes Portland) ⁴	2,286	1,420	1,597	891	447	270	(D)	(D)
5	2.....								
6	3.....								
7	4 (Includes Auburn and Lewiston) ⁴								
8	New Hampshire.....	6,659	3,323	1,163	611	5,314	2,582	182	130
9	A (Includes Manchester) ⁴	6,659	3,323	1,163	611	5,314	2,582	182	130
10	1.....								
11	2.....								
12	Vermont.....	640	414	347	240	127	51	(D)	(D)
13	1.....	640	414	347	240	127	51	(D)	(D)
14	2.....								
15	Massachusetts.....	57,769	34,634	21,992	12,911	21,432	13,482	14,345	8,241
16	A (Includes Chicopee, Holyoke and Springfield) ⁴	9,449	6,262	4,777	2,463	3,103	2,969	1,569	830
17	1 (Includes Pittsfield) ⁴								
18	B (Includes Fitchburg, Leominster, and Worcester) ⁴								
19	C (Includes Boston, Haverhill, Lawrence, and Lowell) ⁴								
20	D (Includes Brockton) ⁴	614	409	173	112	(D)	(D)	(D)	(D)
21	E (Includes Fall River and New Bedford) ⁴	8,705	5,214	2,213	2,341	(D)	(D)	(D)	(D)
22	Rhode Island.....	8,899	4,711	1,907	1,219	3,784	2,100	3,208	1,392
23	A (Includes Providence, Pawtucket, and Warwick) ⁴	8,899	4,711	1,907	1,219	3,784	2,100	3,208	1,392
24	1.....								
25	Connecticut.....	50,400	26,882	24,355	11,271	15,196	8,897	10,849	6,714
26	A (Includes Bridgeport, Norwalk, and Stamford) ⁴	16,529	8,847	8,903	3,818	3,604	2,914	4,022	2,115
27	B (Includes Meriden, New Haven, and Waterbury) ⁴	15,851	9,201	7,515	3,959	3,802	2,250	4,534	2,992
28	C (Includes Hartford and New Britain) ⁴	9,692	4,548	3,829	1,792	4,556	2,019	1,307	737
29	1.....	4,244	2,021	(D)	(D)	(D)	(D)	701	537
30	2 (Includes New London, Groton and Norwich) ⁴	4,084	2,265	(D)	(D)	(D)	(D)	285	333
31	MIDDLE ATLANTIC, TOTAL.....	497,859	230,053	233,149	104,618	162,051	76,920	102,659	48,515
32	New York.....	193,550	94,525	88,484	39,281	72,362	37,075	32,704	18,169
33	A (Buffalo SMSA).....	27,007	14,707	15,620	7,879	10,108	5,966	1,279	862
34	B (Rochester SMSA).....	4,379	1,921	2,131	811	1,649	705	599	405
35	C (Syracuse SMSA).....	11,799	4,631	9,729	3,805	1,846	667	224	159
36	D (Utica-Rome SMSA).....	1,406	823	(D)	(D)	(D)	(D)	(D)	(D)
37	E (Binghamton SMSA-New York Portion) (See Pennsylvania).....	736	614	259	200	(D)	(D)	(D)	(D)
38	F (Albany-Schenectady-Troy SMSA).....	2,033	848	280	116	655	393	1,098	339
39	G (New York City SMSA).....	105,999	50,011	42,280	17,150	40,795	19,686	22,924	13,175
40	1G Bronx.....	5,182	2,757	2,490	1,213	1,776	920	916	624
41	2G Kings.....	20,075	8,235	11,441	4,119	3,971	1,612	4,663	2,504
42	6G Richmond.....								
43	4G New York.....								
44	5G Queens.....								
45	3G Nassau.....	37,121	17,010	13,814	4,897	19,569	9,730	3,738	2,383
46	7G Rockland.....	7,825	3,788	1,320	1,080	3,326	1,629	3,179	1,079
47	9G Westchester.....								
48	8G Suffolk.....								
49	2.....	547	280	(D)	(D)	(D)	(D)	(D)	(D)
50	3.....	3,653	2,300	1,481	1,065	1,704	912	468	323
51	4.....	2,736	1,377	1,413	633	1,092	634	231	110
52	5.....	23,562	12,690	8,706	4,663	11,498	6,550	3,358	1,477
53	6.....								
54	7.....								
55	8.....								
56	9.....	9,693	4,323	6,351	2,788	1,371	586	1,971	949
57	New Jersey.....	100,800	47,725	51,180	24,746	22,279	10,734	27,341	12,245
58	A (Allentown-Bethlehem-Easton SMSA-New Jersey portion) (See Pennsylvania).....	146	87	(D)	(D)	-	-	(D)	(D)
59	B (Newark SMSA).....	27,881	13,132	11,963	5,381	8,831	4,248	7,087	3,503
60	C (Trenton SMSA).....	17,279	8,881	9,050	4,549	1,775	973	6,454	3,359
61	1.....								

See footnotes at end of table.

Establishments and Number of Establishments Consuming Aluminum Mill Economic Areas: 1963

of State economic areas)

Number of establishments consuming aluminum mill shapes and forms												
Total			Sheet, plate, and foil (335202, 335203, and 335231)			Extruded shapes (335205)			All other (335207, 335208, and 335209)			
Total ³	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000	
9,140	2,988	978	5,332	1,569	497	4,112	1,135	337	2,796	621	177	1
802	215	68	422	93	25	351	88	27	269	58	16	2
17	4	1	11	4	1	10	1	-	5	1	-	3
7	2	-	3	2	-	5	-	-	1	-	-	4
1	-	-	-	-	-	1	-	-	-	-	-	5
1	-	-	1	-	-	-	-	-	-	-	-	6
8	2	1	7	2	1	4	1	-	4	1	-	7
31	11	2	13	5	-	16	8	2	13	-	-	8
13	5	2	7	3	-	6	3	2	2	-	-	9
3	-	-	1	-	-	2	-	-	2	-	-	10
15	6	-	5	2	-	8	5	-	9	-	-	11
11	2	-	8	1	-	5	-	-	3	1	-	12
4	2	-	4	1	-	2	-	-	2	1	-	13
7	-	-	4	-	-	3	-	-	1	-	-	14
375	92	33	209	40	13	164	34	15	121	24	7	15
33	9	5	17	4	2	14	2	2	9	3	1	16
10	4	2	8	2	1	6	3	1	6	2	-	17
48	13	7	27	7	2	20	5	3	14	3	2	18
250	57	14	140	23	6	114	23	8	80	12	2	19
15	1	-	7	-	-	5	-	-	5	1	-	20
19	8	5	10	4	2	5	1	1	7	3	2	21
62	13	5	29	3	1	24	6	2	21	4	2	22
60	13	5	27	3	1	23	6	2	21	4	2	23
2	-	-	2	-	-	1	-	-	-	-	-	24
306	93	27	152	40	10	132	39	8	106	28	7	25
81	30	9	40	16	3	32	8	3	34	9	11	26
87	26	10	36	12	4	35	11	1	30	8	5	27
90	18	4	51	8	1	42	12	2	27	4	-	28
24	9	1	13	2	1	10	2	-	8	5	-	29
24	10	3	12	2	1	13	6	2	7	2	-	30
2,033	646	183	1,167	299	78	902	233	66	712	158	35	31
946	289	69	517	113	24	404	106	28	359	79	15	32
74	25	5	50	16	2	30	8	4	26	5	-	33
53	12	-	28	4	-	25	2	-	19	4	-	34
34	8	2	20	6	1	13	3	-	12	-	-	35
17	2	2	8	-	-	6	2	1	6	-	-	36
12	4	1	8	2	-	6	1	-	3	1	-	37
13	5	-	8	-	-	7	3	-	8	2	-	38
46	13	3	28	4	1	21	4	1	12	3	1	39
154	39	5	82	20	4	49	7	1	66	9	1	40
4	-	-	4	-	-	2	-	-	-	-	-	41
82	25	5	33	8	-	16	2	-	48	16	-	42
130	41	8	74	16	4	57	16	1	47	9	2	43
124	43	15	67	11	3	69	24	11	36	11	-	44
4	2	1	-	-	-	2	1	-	2	1	-	45
37	15	3	16	5	1	21	5	1	17	4	1	46
57	15	3	28	3	1	33	10	3	15	-	-	47
5	1	-	2	-	-	2	-	-	1	1	-	48
37	10	3	22	5	1	18	3	1	18	1	-	49
13	7	1	9	2	1	8	6	-	1	1	-	50
4	1	1	1	-	-	4	1	1	2	1	-	51
9	4	1	7	4	2	4	3	1	2	1	-	52
3	2	1	4	-	-	1	1	-	1	1	-	53
6	3	2	5	2	1	2	3	-	12	-	1	54
28	12	4	18	5	2	8	-	-	12	-	-	55
486	132	40	286	61	20	210	41	9	164	34	1	56
6	-	-	4	-	-	-	-	-	2	-	-	57
194	50	11	113	22	3	91	14	1	64	14	1	58
16	4	3	11	4	3	8	-	-	6	-	-	59
46	15	4	29	7	2	19	4	1	17	-	-	60

TABLE 15. Consumption of Aluminum Mill Shapes by Metal Fabricating Shapes, by States and State

(See appendix for an explanation)

Division, State, and State economic area ¹		Aluminum and aluminum-base alloy mill shapes and forms ²							
		Total		Sheet, plate, and foil (335202, 335203, and 335231)		Extruded shapes (335205)		All other (335207, 335208, and 335209)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
MIDDLE ATLANTIC--Continued									
New Jersey--Continued									
1	D (Philadelphia SMSA-New Jersey portion) (See Pennsylvania).....	9,543	5,204	6,373	3,148	2,284	1,179	886	877
2	E (Atlantic City SMSA).....	761	331	(D)	(D)	643	269	(D)	(D)
3	2.....								
4	G (Paterson-Clifton-Passaic SMSA).....	35,046	15,862	18,314	9,360	6,968	3,276	9,764	3,226
5	H (Jersey City SMSA).....	10,144	4,228	5,322	2,238	1,778	789	3,044	1,201
6	Pennsylvania.....	203,509	87,803	93,485	40,591	67,410	29,111	42,614	18,101
7	A (Erie SMSA).....								
8	O (Binghamton N.Y. SMSA-Pennsylvania portion) (See New York).....	30,260	11,597	6,054	2,446	2,492	1,291	21,714	7,860
9	1.....								
10	2.....								
11	C (Scranton SMSA).....	3,494	1,683	2,851	1,270	(D)	(D)	(D)	(D)
12	D (Pittsburgh SMSA).....	38,610	16,911	28,108	11,916	8,633	3,937	1,869	1,058
13	E (Johnstown SMSA).....								
14	F (Altoona SMSA).....	2,980	1,126	2,211	832	692	260	77	34
15	5.....								
16	G (Wilkes-Barre-Hazleton SMSA).....	5,083	2,359	3,535	1,542	(D)	(D)	(D)	(D)
17	H (Harrisburg SMSA).....	4,419	1,806	(D)	(D)	(D)	(D)	(D)	(D)
18	J (York SMSA).....	8,184	3,406	(D)	(D)	(D)	(D)	1,220	920
19	K (Lancaster SMSA).....								
20	L (Reading SMSA).....	15,666	7,236	4,944	2,136	5,315	2,111	5,407	2,989
21	M (Allentown-Bethlehem-Easton SMSA- Pennsylvania portion) (See New Jersey).....	1,900	925	1,245	560	544	280	111	85
22	N (Philadelphia SMSA-Pennsylvania portion) (See New Jersey).....	76,884	33,230	33,520	15,068	33,470	14,507	9,894	3,655
23	3.....	4,755	2,410	4,019	1,812	614	475	122	123
24	4.....	6,466	2,591	2,167	968	(D)	(D)	(D)	(D)
25	6.....	3,105	1,764	695	329	1,714	1,016	696	419
26	7.....	1,703	759	704	311	(D)	(D)	(D)	(D)
27	EAST NORTH CENTRAL, TOTAL.....	993,244	425,957	546,309	229,528	250,775	109,493	196,160	86,936
28	Ohio.....	323,894	150,770	137,307	65,864	88,202	38,874	98,385	46,032
29	A (Toledo SMSA-Ohio portion) (See Michigan)...	5,151	2,438	1,270	771	3,477	1,450	404	217
30	B (Columbus SMSA).....	14,997	7,966	8,876	5,261	2,528	1,160	3,593	1,545
31	C (Dayton SMSA).....	27,367	11,099	13,131	5,106	12,724	5,130	1,512	863
32	D (Hamilton-Middletown SMSA).....	1,527	1,309	998	643	(D)	(D)	(D)	(D)
33	E (Cleveland SMSA).....	99,421	46,949	38,408	18,630	13,363	5,557	47,650	22,762
34	F (Akron SMSA).....	44,970	20,006	1,806	971	(D)	(D)	(D)	(D)
35	G (Canton SMSA).....	5,700	2,571	3,308	1,564	2,370	984	(D)	(D)
36	H (Youngstown SMSA).....	10,049	5,747	4,346	3,204	3,322	1,327	2,381	1,216
37	J (Steubenville-Weirton-SMSA-Ohio portion) (See West Virginia).....								
38	P (Wheeling SMSA-Ohio portion) (See West Virginia).....	2,451	1,012	(D)	(D)	55	49	(D)	(D)
39	5.....								
40	K (Cincinnati SMSA-Ohio portion) (See Kentucky and Indiana).....	30,573	13,464	13,588	5,835	15,249	6,659	1,736	970
41	L (Huntington-Ashland SMSA-Ohio portion) (See West Virginia and Kentucky).....	5,236	2,246	(D)	(D)	(D)	(D)	498	245
42	8.....								
43	M (Lorain-Elyria SMSA).....	23,146	10,119	13,051	5,690	9,764	4,201	331	228
44	4.....								
45	N (Springfield SMSA).....								
46	3.....	29,671	14,167	(D)	(D)	(D)	(D)	204	106
47	7.....								
48	R (Lima SMSA).....	4,961	2,390	(D)	(D)	(D)	(D)	(D)	(D)
49	1.....	7,140	3,447	6,380	2,971	332	153	428	323
50	2.....	3,066	1,359	(D)	(D)	1,795	744	(D)	(D)
51	6.....	8,468	4,481	4,115	2,410	(D)	(D)	(D)	(D)
52	Indiana.....	144,716	59,858	94,516	38,065	33,532	14,884	16,668	6,909
53	A (Gary-Hammond-East Chicago SMSA).....	1,323	589	(D)	(D)	(D)	(D)	-	-
54	B (South Bend SMSA).....	4,697	2,268	3,071	1,318	1,531	881	95	69
55	C (Fort Wayne SMSA).....	11,488	5,000	1,522	750	(D)	(D)	(D)	(D)
56	D (Indianapolis SMSA).....	17,102	7,597	9,431	3,970	5,736	2,931	1,935	696
57	E (Evansville SMSA-Indiana portion) (See Kentucky).....								
58	F (Louisville SMSA-Indiana portion) (See Kentucky).....	20,323	7,946	13,719	5,893	(D)	(D)	(D)	(D)
59	6.....								
60	7.....								
61	G (Anderson SMSA).....	5,253	2,584	3,291	1,668	1,250	436	712	480
62	H (Muncie SMSA).....								
63	I (Terre Haute SMSA).....	193	79	193	79	-	-	-	-

See footnotes at end of table.

Establishments and Number of Establishments Consuming Aluminum Mill Economic Areas: 1963--Continued

of State economic areas)

Number of establishments consuming aluminum mill shapes and forms											
Total			Sheet, plate, and foil (335202, 335203, and 335231)			Extruded shapes (335205)			All other (335207, 335208, and 335209)		
Total ^a	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--	
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000
50	16	5	34	6	3	22	5	1	15	5	1
5	1	-	2	-	-	4	1	-	1	-	2
3	1	-	1	-	-	3	1	-	2	-	3
124	30	11	66	16	5	47	11	6	45	6	1
42	15	6	26	6	4	16	5	-	12	5	2
601	225	74	364	125	34	288	86	29	189	45	11
28	8	2	12	1	-	13	3	1	10	3	1
1	-	-	-	-	-	1	-	-	-	-	8
33	15	5	21	9	1	14	3	-	11	5	2
1	1	-	1	1	-	-	-	-	-	-	10
19	6	2	18	5	1	10	1	-	2	1	11
90	40	11	50	22	7	42	14	4	27	8	1
4	2	1	4	1	1	4	1	-	1	-	12
2	1	1	1	1	1	-	-	-	1	-	13
3	1	-	3	1	-	1	-	-	1	-	14
14	9	4	9	6	3	4	2	2	4	1	15
6	4	3	4	2	1	3	2	1	1	1	16
21	8	4	10	3	1	5	1	1	11	5	1
16	5	2	9	3	-	5	2	1	6	2	1
18	4	2	13	3	1	11	3	1	6	-	19
17	6	-	10	5	-	9	2	-	3	1	20
270	86	28	168	48	14	135	38	14	86	13	3
19	8	2	9	4	2	10	3	-	6	1	22
18	11	3	9	5	1	10	5	2	5	1	23
12	6	3	6	2	-	6	4	2	5	2	24
9	4	1	7	3	-	5	2	-	3	1	25
2,714	861	283	1,513	459	161	1,156	318	97	788	169	48
740	236	86	424	120	43	336	91	36	220	54	14
33	8	2	21	4	-	14	4	1	8	1	28
47	16	6	27	9	4	24	6	1	15	5	29
62	24	8	35	9	3	27	12	5	20	8	30
9	3	1	5	3	1	6	1	1	4	1	31
237	64	19	123	30	8	98	17	5	81	10	1
45	11	6	24	3	1	24	7	5	14	2	32
30	8	3	22	5	1	10	4	2	3	-	33
31	14	5	19	7	2	12	6	2	14	5	34
1	-	-	-	-	-	1	-	-	-	-	35
2	1	-	2	-	-	-	-	-	1	1	36
8	3	1	4	2	-	3	-	-	2	1	37
80	32	14	51	18	6	41	15	7	13	3	38
2	1	-	1	-	-	1	-	-	1	1	39
7	3	2	5	3	1	1	1	-	3	1	40
16	3	2	4	2	2	10	2	2	6	1	41
36	11	5	23	7	5	21	4	1	6	-	42
8	1	1	4	1	1	7	1	1	3	-	43
12	3	2	6	3	2	6	1	1	7	-	44
2	1	1	2	1	1	-	-	-	-	-	45
10	4	2	7	2	1	7	3	1	2	3	46
23	9	2	15	4	2	8	1	-	8	1	47
20	5	1	15	2	-	8	3	-	4	1	48
19	11	3	9	5	2	7	3	1	6	2	49
305	120	50	192	83	33	128	41	17	81	10	50
11	3	-	7	2	-	4	1	-	-	-	51
22	9	3	12	8	2	10	4	2	6	-	52
23	9	3	12	3	1	8	2	1	10	-	53
65	24	9	43	15	6	28	9	3	14	-	54
8	3	1	6	3	1	3	1	-	1	1	55
6	3	2	5	2	1	1	1	1	2	1	56
4	1	1	4	1	1	-	-	-	-	-	57
5	3	1	4	1	1	4	2	1	-	-	58
9	5	3	4	3	2	6	2	1	4	-	59
7	1	-	2	1	-	4	-	-	-	-	60
4	-	-	4	-	-	-	-	-	-	-	61

TABLE 15. Consumption of Aluminum Mill Shapes by Metal Fabricating Shapes, by States and State

(See appendix for an explanation)

Division, State, and State economic area ¹		Aluminum and aluminum-base alloy mill shapes and forms ²							
		Total		Sheet, plate, and foil (335202, 335203, and 335231)		Extruded shapes (335205)		All other (335207, 335208, and 335209)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
EAST NORTH CENTRAL--Continued									
Indiana--Continued									
1	1.....	51,264	19,475	41,593	15,039	9,285	4,163	386	273
2	2.....	2,225	972	1,759	683	(D)	(D)	(D)	(D)
3	3.....	2,135	1,113	993	425	764	559	378	129
4	4.....	22,484	9,340	15,672	6,766	6,094	2,429	718	145
5	5.....	1,352	882	(D)	(D)	(D)	(D)	(D)	(D)
6	6.....	1,532	635	(D)	(D)	(D)	(D)	(D)	(D)
7	9.....	3,345	1,378	530	301	(D)	(D)	(D)	(D)
8	Illinois.....	177,979	69,972	107,281	39,602	36,557	16,909	34,141	13,461
9	A (Davenport-Rock Island-Moline SMSA- Illinois portion) (See Iowa).....	4,429	2,164	(D)	(D)	712	442	(D)	(D)
10	B (Rockford SMSA).....	3,119	2,203	1,306	835	229	118	1,584	1,250
11	C (Chicago SMSA), total.....	132,170	50,174	85,096	30,106	23,719	11,404	23,355	8,664
12	1C Cook County.....	114,272	41,979	74,685	25,061	19,306	9,449	20,281	7,469
13	C Balance of SMSA.....	17,898	8,195	10,411	5,045	4,413	1,955	3,074	1,195
14	D (Peoria SMSA).....	1,533	876	(D)	(D)	922	475	(D)	(D)
15	E (Springfield SMSA).....	443	236	(D)	(D)	(D)	(D)	84	54
16	F (St. Louis SMSA-Illinois portion) (See Missouri).....								
17	7.....			(D)	(D)	(D)	(D)	(D)	(D)
18	9.....	1,693	841	(D)	(D)	(D)	(D)	(D)	(D)
19	10.....								
20	11.....								
21	G (Decatur SMSA).....	517	460	449	404	(D)	(D)	(D)	(D)
22	H (Champaign-Urbana SMSA).....	11,662	3,915	11,303	3,715	66	57	293	143
23	6.....								
24	1.....	9,195	3,137	(D)	(D)	3,252	1,318	(D)	(D)
25	3.....	5,307	2,492	(D)	(D)	1,726	987	(D)	(D)
26	4.....	5,951	2,164	(D)	(D)	(D)	(D)	(D)	(D)
27	5.....	1,160	915	877	684	(D)	(D)	(D)	(D)
28	8.....	800	395	(D)	(D)	(D)	(D)	(D)	(D)
29	Michigan.....	214,185	94,738	111,430	50,559	62,794	26,960	39,961	17,219
30	A (Saginaw SMSA).....	1,403	621	1,300	497	72	98	31	26
31	B (Grand Rapids SMSA).....	10,991	4,578	7,154	3,171	1,901	862	1,936	545
32	C (Muskegon-Muskegon Heights SMSA).....	1,365	908	(D)	(D)	509	424	(D)	(D)
33	D (Flint SMSA).....								
34	J (Ann Arbor SMSA).....			(D)	(D)	(D)	(D)	17,867	5,882
35	07.....	39,418	16,276	(D)	(D)	(D)	(D)		
36	08.....								
37	E (Lansing SMSA).....	1,915	801	(D)	(D)	(D)	(D)	343	235
38	F (Detroit SMSA), total.....	102,774	44,674	60,848	25,181	33,314	13,621	8,612	5,872
39	1F Wayne County.....	66,527	28,096	33,858	14,357	27,547	10,673	5,122	3,066
40	F Balance of SMSA.....	36,247	16,578	26,990	10,824	5,767	2,940	3,490	2,806
41	G (Kalamazoo SMSA).....	2,420	1,198	529	347	(D)	(D)	(D)	(D)
42	H (Jackson SMSA).....	5,177	3,754	(D)	(D)	2,099	1,426	(D)	(D)
43	K (Bay City SMSA).....	670	441	(D)	(D)	462	248	(D)	(D)
44	L (Toledo SMSA-Michigan portion) (See Ohio).....	185	79	(D)	(D)	(D)	(D)	(D)	(D)
45	1.....								
46	2.....	8,144	3,700	1,129	893	6,844	2,705	171	102
47	3.....								
48	4.....								
49	5.....	7,507	3,852	5,061	2,812	2,038	965	408	75
50	6.....	11,418	4,642	3,224	1,847	(D)	(D)	(D)	(D)
51	9.....	20,798	9,214	10,013	4,426	8,781	3,804	2,004	984
52	Wisconsin.....	132,470	50,619	95,775	35,438	29,690	11,866	7,005	3,315
53	B (Madison SMSA).....	3,373	1,551	2,682	1,164	(D)	(D)	(D)	(D)
54	C (Milwaukee SMSA).....	45,058	16,314	22,389	8,306	19,568	6,985	3,101	1,023
55	D (Racine SMSA).....	1,102	565	712	333	212	69	178	163
56	F (Kenosha SMSA).....								
57	3.....	22,218	9,189	18,964	7,651	2,094	847	1,160	691
58	8.....								
59	G (Green Bay SMSA).....	918	361	(D)	(D)	(D)	(D)	(D)	(D)
60	1.....	800	341	(D)	(D)	(D)	(D)	108	62
61	2.....	6,590	3,537	5,857	3,016	(D)	(D)	(D)	(D)
62	4.....	6,490	3,116	1,341	677	4,457	2,079	692	360
63	5.....								
64	7.....	43,293	14,232	41,871	13,307	899	596	523	329
65	6.....	2,628	1,413	1,783	892	(D)	(D)	(D)	(D)

See footnotes at end of table.

Establishments and Number of Establishments Consuming Aluminum Mill Economic Areas: 1963--Continued

of State economic areas)

Number of establishments consuming aluminum mill shapes and forms											
Total			Sheet, plate, and foil (335202, 335203, and 335231)			Extruded shapes (335205)			All other (335207, 335208, and 335209)		
Total ³	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--	
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000
70	30	14	46	24	11	28	9	4	13	1	-
6	5	2	3	3	2	2	-	-	3	2	-
16	4	2	9	1	1	8	3	1	5	1	-
21	11	6	14	10	3	10	5	3	7	1	-
8	3	1	6	2	-	1	-	-	1	1	1
5	3	1	2	2	1	2	1	-	2	-	6
15	3	1	9	2	-	9	1	1	2	-	7
818	218	58	438	110	33	308	72	14	257	48	12
18	6	3	8	2	1	11	3	-	5	2	2
39	5	3	17	3	2	14	-	-	14	2	1
657	162	38	347	82	23	241	54	9	207	35	7
554	133	32	295	67	19	212	44	7	173	31	6
103	29	6	52	15	4	29	10	2	34	4	1
9	5	-	5	1	-	4	4	-	2	1	-
6	1	-	3	1	-	2	-	-	3	-	-
7	1	1	4	1	1	2	-	-	1	-	-
1	-	-	-	-	-	1	-	-	-	-	-
1	1	1	1	-	-	1	1	1	-	-	-
1	-	-	1	-	-	1	-	-	1	-	-
2	1	-	2	1	-	1	1	-	1	-	-
6	2	1	5	1	1	2	-	-	1	-	-
2	1	-	1	-	-	-	-	-	6	1	-
18	9	2	13	6	2	4	-	-	7	3	1
18	8	3	10	1	-	7	4	2	7	3	1
9	5	3	4	2	1	7	3	1	3	2	-
8	3	2	6	2	1	3	1	1	2	-	-
12	5	1	9	5	1	5	1	-	2	-	-
4	3	-	2	2	-	2	-	-	1	1	-
586	201	62	299	94	32	271	88	24	162	34	15
8	3	1	3	3	1	4	1	-	3	-	-
57	22	4	29	16	4	27	5	-	14	2	-
12	5	2	4	1	-	7	3	-	4	2	1
15	4	2	8	2	2	8	2	-	5	1	-
15	5	1	9	1	-	4	1	-	5	3	1
17	6	-	11	1	-	6	3	-	5	2	-
10	4	2	4	1	1	6	2	-	2	1	1
14	4	1	6	1	-	3	2	1	8	2	-
280	86	26	143	36	12	138	41	11	68	10	7
156	53	17	80	24	6	73	24	8	40	6	5
124	33	9	63	12	6	65	17	3	28	4	2
18	5	1	8	2	-	4	1	1	9	2	-
16	7	4	8	3	1	6	4	2	4	2	1
7	3	-	2	1	-	5	2	-	2	1	-
6	-	-	2	-	-	3	-	-	2	-	-
2	1	-	2	1	-	-	-	-	1	-	-
2	-	-	-	-	-	1	-	-	1	-	-
3	1	-	1	-	-	2	-	-	1	-	-
8	4	2	6	1	1	4	3	2	2	1	-
20	10	6	16	8	5	7	4	2	5	2	-
31	11	2	17	6	1	13	5	-	3	2	-
45	20	8	20	10	4	23	9	5	13	2	1
265	86	27	160	52	20	113	26	6	66	15	2
8	3	2	5	3	2	7	2	-	1	-	-
99	28	8	64	16	6	37	10	2	21	4	-
17	3	-	9	2	-	9	-	-	6	-	-
3	-	-	1	-	-	2	-	-	1	-	-
2	1	1	1	1	1	9	2	1	10	-	-
33	12	5	21	7	4	1	-	-	2	-	-
4	2	-	2	-	-	6	-	-	-	-	-
10	1	-	2	-	-	5	1	-	2	-	-
14	4	3	10	6	-	9	4	-	-	-	-
13	11	2	7	-	-	1	-	-	-	-	-
2	1	-	1	1	4	19	3	-	1	-	-
48	15	4	28	11	1	6	2	-	1	-	-
12	5	2	9	3	1	1	-	-	-	-	-

TABLE 15. Consumption of Aluminum Mill Shapes by Metal Fabricating Shapes, by States and State

(See appendix for an explanation)

Division, State, and State economic area ¹		Aluminum and aluminum-base alloy mill shapes and forms ²							
		Total		Sheet, plate, and foil (335202, 335203, and 335231)		Extruded shapes (335205)		All other (335207, 335208, and 335209)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
1	WEST NORTH CENTRAL, TOTAL.....	183,489	99,063	110,011	53,681	51,443	33,041	22,035	12,341
2	Minnesota.....	35,289	18,192	22,842	10,555	8,267	4,449	4,180	3,188
3	A (Duluth-Superior SMSA-Minnesota portion)....								
4	1.....								
5	2.....								
6	3.....	1,214	615	906	418	308	197	(D)	(D)
7	4.....								
8	5.....								
9	6.....								
10	B (Minneapolis-St. Paul SMSA).....	29,489	15,819	18,071	8,821	7,677	4,047	3,741	2,951
11	6.....	2,577	1,194	2,319	1,001	(D)	(D)	(D)	(D)
12	7.....	2,009	564	1,546	315	(D)	(D)	(D)	(D)
13	Iowa.....	15,262	6,803	7,320	2,987	5,384	2,538	2,558	1,278
14	A (Sioux City SMSA-Iowa portion) (See Nebraska).....								
15	1.....	1,508	702	893	380	(D)	(D)	(D)	(D)
16	2.....								
17	3.....								
18	C (Des Moines SMSA).....	1,580	729	875	428	(D)	(D)	(D)	(D)
19	D (Davenport-Rock Island-Moline SMSA-Iowa portion) (See Illinois).....	1,211	511	(D)	(D)	279	141	(D)	(D)
20	E (Waterloo SMSA).....	3,668	1,413	(D)	(D)	2,516	1,033	(D)	(D)
21	F (Cedar Rapids SMSA).....	765	398	(D)	(D)	(D)	(D)	(D)	(D)
22	G (Dubuque SMSA).....	1,379	625	1,028	398	(D)	(D)	(D)	(D)
23	4.....								
24	5.....	2,867	1,118	(D)	(D)	(D)	(D)	(D)	(D)
25	6.....	2,284	1,307	(D)	(D)	(D)	(D)	(D)	(D)
26	Missouri.....	73,910	33,830	44,656	20,054	22,089	10,741	7,165	3,035
27	A (Kansas City SMSA-Missouri portion) (See Kansas).....	15,133	6,781	7,283	3,009	7,569	3,615	281	157
28	B (St. Louis SMSA-Missouri portion) (See Illinois).....	45,527	21,172	31,096	13,849	12,875	6,349	1,556	974
29	C (Springfield SMSA).....	2,532	1,411	1,782	977	750	434	-	-
30	D (St. Joseph SMSA).....								
31	1.....								
32	2.....	6,364	3,161	(D)	(D)	(D)	(D)	2,218	1,073
33	3.....								
34	4.....								
35	5.....								
36	6.....	630	286	(D)	(D)	(D)	(D)	(D)	(D)
37	7.....	3,724	1,019	(D)	(D)	(D)	(D)	(D)	(D)
38	8.....								
39	North Dakota.....	191	104	187	93	(D)	(D)	(D)	(D)
40	A (Fargo-Moorhead SMSA-North Dakota portion) ..								
41	1.....	191	104	187	93	(D)	(D)	(D)	(D)
42	3.....								
43	South Dakota.....	665	289	455	177	(D)	(D)	(D)	(D)
44	A (Sioux Falls SMSA) and 5.....								
45	1.....	665	289	455	177	(D)	(D)	(D)	(D)
46	2.....								
47	4.....								
48	Nebraska.....	17,446	8,500	9,524	4,738	2,726	1,204	5,196	2,558
49	A (Lincoln SMSA).....								
50	C (Sioux City SMSA-Nebraska portion) (See Iowa).....								
51	4.....	4,934	3,146	3,378	1,700	732	433	824	1,013
52	5.....								
53	6.....								
54	7.....								
55	B (Omaha SMSA-Nebraska portion).....	11,252	4,762	(D)	(D)	(D)	(D)	(D)	(D)
56	2.....	403	269	(D)	(D)	-	-	(D)	(D)
57	3.....	857	323	(D)	(D)	(D)	(D)	(D)	(D)
58	Kansas.....	40,726	31,345	25,027	15,077	12,783	14,003	2,916	2,265
59	A (Wichita SMSA).....	30,756	26,945	17,744	11,850	(D)	(D)	(D)	(D)
60	B (Kansas City SMSA-Kansas portion) (See Missouri).....	3,193	1,582	2,958	1,400	(D)	(D)	(D)	(D)

See footnotes at end of table.

Establishments and Number of Establishments Consuming Aluminum Mill
Economic Areas: 1963--Continued

of State economic areas)

Number of establishments consuming aluminum mill shapes and forms												
Total			Sheet, plate, and foil (335202, 335203, and 335231)			Extruded shapes (335205)			All other (335207, 335208, and 335209)			
Total ³	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000	
619	213	69	382	122	42	263	91	16	172	38	8	1
181	63	14	116	38	8	71	25	4	46	11	1	2
2	-	-	2	-	-	-	-	-	-	-	-	3
3	1	-	2	1	-	1	-	-	-	-	-	4
-	-	-	-	-	-	-	-	-	-	-	-	5
2	-	-	2	-	-	2	-	-	-	-	-	6
3	1	1	3	1	-	1	1	-	-	-	-	7
-	-	-	-	-	-	-	-	-	-	-	-	8
3	1	-	2	-	-	3	1	-	-	-	-	9
143	53	12	90	31	7	56	22	4	40	7	1	10
15	4	1	8	3	1	6	1	-	4	-	-	11
10	3	-	7	2	-	2	-	-	2	1	-	12
90	26	8	55	12	3	38	13	3	22	7	1	13
3	1	-	3	1	-	2	-	-	-	-	-	14
2	-	-	2	-	-	-	-	-	-	-	-	15
6	1	-	4	-	-	3	-	-	1	1	-	16
5	1	-	4	1	-	3	1	-	-	-	-	17
13	3	1	8	1	1	4	1	-	2	1	-	18
12	2	1	7	1	1	6	1	-	3	-	-	19
9	4	3	6	1	-	5	4	2	2	1	-	20
9	2	1	5	1	-	4	1	-	3	-	-	21
4	-	-	1	-	-	1	-	-	2	-	-	22
5	4	-	4	3	-	2	1	-	1	-	-	23
11	4	1	5	2	1	6	3	-	2	-	-	24
11	4	1	6	1	-	2	1	1	6	4	1	25
213	76	29	131	42	18	85	30	6	57	11	2	26
45	15	5	33	9	2	19	6	2	7	-	-	27
126	44	18	77	27	13	48	18	4	36	5	-	28
8	4	1	5	2	1	6	3	-	-	-	-	29
1	-	-	1	-	-	-	-	-	-	-	-	30
2	2	-	1	-	-	2	1	-	1	1	-	31
7	3	3	3	2	2	3	1	-	4	1	-	32
2	1	1	-	-	-	-	-	-	2	1	1	33
2	1	-	2	1	-	-	-	-	-	-	-	34
1	-	-	-	-	-	-	-	-	1	-	-	35
9	2	-	4	-	-	4	-	-	3	1	-	36
8	3	-	4	1	-	3	1	-	2	1	-	37
2	1	1	1	-	-	-	-	-	1	1	1	38
4	1	-	3	1	-	2	-	-	3	-	-	39
1	-	-	1	-	-	-	-	-	1	-	-	40
1	-	-	-	-	-	1	-	-	-	-	-	41
2	1	-	2	1	-	1	-	-	1	-	-	42
6	1	-	4	1	-	3	-	-	3	-	-	43
1	-	-	1	-	-	1	-	-	1	-	-	44
2	-	-	1	-	-	-	-	-	-	-	-	45
1	-	-	1	-	-	-	-	-	-	-	-	46
2	1	-	1	1	-	1	-	-	1	-	-	47
47	19	6	22	8	4	21	8	-	13	5	-	48
11	1	-	4	1	-	6	-	-	9	-	-	49
2	-	-	2	-	-	1	-	-	-	-	-	50
1	1	-	-	-	-	1	1	-	-	-	-	51
3	1	1	1	1	-	1	1	-	-	-	-	52
2	1	-	1	-	-	1	-	-	-	-	-	53
3	2	2	1	1	1	1	5	-	2	1	1	54
17	9	3	8	2	2	8	-	-	1	-	-	55
4	2	-	4	2	-	2	1	-	1	-	-	56
4	2	-	1	1	-	-	-	-	-	-	-	57
78	30	12	51	20	9	43	15	3	1	7	-	58
33	13	6	22	8	5	22	9	1	1	-	-	59
10	5	2	5	3	2	3	1	-	-	1	-	60

TABLE 15. Consumption of Aluminum Mill Shapes by Metal Fabricating Shapes, by States and State

(See appendix for an explanation)

Division, State, and State economic area ¹		Aluminum and aluminum-base alloy mill shapes and forms ²							
		Total		Sheet, plate, and foil (335202, 335203, and 335231)		Extruded shapes (335205)		All other (335207, 335208, and 335209)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
WEST NORTH CENTRAL--Continued									
Kansas--Continued									
1 C (Topeka SMSA).....									
2 5.....		243	120	(D)	(D)	(D)	(D)	(D)	(D)
3 6.....									
4 7.....									
5 2.....		6,118	2,509	3,955	1,653	(D)	(D)	(D)	(D)
6 3.....									
7 8.....		416	189	(D)	(D)	(D)	(D)	(D)	(D)
8 SOUTH ATLANTIC, TOTAL.....		304,222	131,573	170,520	73,079	94,601	41,893	39,101	16,601
9 Delaware.....		1,898	1,046	884	646	(D)	(D)	(D)	(D)
10 A (Wilmington SMSA-Delaware portion) (See Maryland).....		1,898	1,046	884	646	(D)	(D)	(D)	(D)
11 1.....									
12 Maryland.....		41,205	19,691	20,937	9,841	11,141	5,955	9,127	3,895
13 A (Baltimore SMSA).....		35,035	15,752	17,770	7,407	8,792	4,813	8,473	3,532
14 B (Washington, D.C. SMSA-Maryland portion) (See District of Columbia and Virginia)....		2,132	846	(D)	(D)	(D)	(D)	(D)	(D)
15 C (Wilmington, Delaware SMSA-Maryland portion) (See Delaware).....									
16 2.....		4,038	3,093	(D)	(D)	(D)	(D)	(D)	(D)
17 4.....									
18 District of Columbia.....		516	313	272	195	(D)	(D)	(D)	(D)
19 A (Washington, D.C. SMSA-D.C. portion) (See Maryland and Virginia).....		516	313	272	195	(D)	(D)	(D)	(D)
20 Virginia.....		16,892	9,197	8,619	4,929	3,855	1,976	4,418	2,292
21 A (Roanoke SMSA).....		327	146	(D)	(D)	(D)	(D)	(D)	(D)
22 B (Washington, D.C. SMSA-Virginia portion) (See District of Columbia and Maryland)....		388	198	202	117	(D)	(D)	(D)	(D)
23 C (Richmond SMSA).....		2,897	1,568	1,600	953	(D)	(D)	(D)	(D)
24 D (Norfolk-Portsmouth SMSA).....									
25 E (Newport News-Hampton SMSA).....		2,696	1,253	1,205	642	(D)	(D)	(D)	(D)
26 8.....									
27 F (Lynchburg SMSA).....		909	470	(D)	(D)	(D)	(D)	-	-
28 1.....									
29 2.....		5,799	3,413	2,000	1,179	(D)	(D)	(D)	(D)
30 3.....									
31 6.....									
32 4.....		1,785	1,039	1,740	999	(D)	(D)	(D)	(D)
33 5.....		650	327	300	176	(D)	(D)	(D)	(D)
34 7.....		1,441	783	821	470	(D)	(D)	(D)	(D)
35 West Virginia.....		6,265	2,727	5,183	2,247	(D)	(D)	(D)	(D)
36 A (Wheeling SMSA-West Virginia portion) (See Ohio).....									
37 D (Steubenville-Weirton SMSA-West Virginia portion) (See Ohio).....		2,025	935	(D)	(D)	(D)	(D)	(D)	(D)
38 B (Huntington-Ashland SMSA-West Virginia portion) (See Ohio and Kentucky).....									
39 C (Charleston SMSA).....		1,628	749	(D)	(D)	(D)	(D)	(D)	(D)
40 4.....									
41 1.....									
42 2.....									
43 3.....		2,612	1,043	(D)	(D)	(D)	(D)	(D)	(D)
44 5.....									
45 6.....									
46 North Carolina.....		33,482	16,405	20,138	9,971	7,872	4,018	5,472	2,416
47 A (Asheville SMSA).....		3,165	2,711	(D)	(D)	(D)	(D)	(D)	(D)
48 1.....									
49 B (Winston-Salem SMSA).....		1,253	749	(D)	(D)	634	372	(D)	(D)
50 C (Greensboro-High Point SMSA).....		1,971	1,126	749	575	1,056	479	166	72
51 D (Charlotte SMSA).....		6,559	3,510	3,802	1,693	1,398	907	1,359	910
52 E (Raleigh SMSA).....									
53 F (Durham SMSA).....		1,709	428	(D)	(D)	38	46	(D)	(D)
54 3.....		9,603	3,041	(D)	(D)	(D)	(D)	(D)	(D)
55 4.....		5,275	2,608	3,716	2,069	(D)	(D)	(D)	(D)
56 5.....		360	373	199	156	(D)	(D)	(D)	(D)
57 6.....									
58 10.....		2,706	1,435	(D)	(D)	(D)	(D)	(D)	(D)
59 11.....									
60 8.....		234	153	(D)	(D)	(D)	(D)	-	-
61 9.....		647	271	354	177	(D)	(D)	(D)	(D)

See footnotes at end of table.

Establishments and Number of Establishments Consuming Aluminum Mill
Economic Areas: 1963--Continued

of State economic areas)

Number of establishments consuming aluminum mill shapes and forms											
Total			Sheet, plate, and foil (335202, 335203, and 335231)			Extruded shapes (335205)			All other (335207, 335208, and 335209)		
Total ³	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--	
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000
1	-	-	1	-	-	1	-	-	1	-	-
2	-	-	1	-	-	1	-	-	2	-	-
3	-	-	1	-	-	2	-	-	-	-	-
4	-	-	-	-	-	-	-	-	1	-	-
16	10	3	12	7	2	9	4	-	3	1	-
8	1	-	6	1	-	2	-	-	2	-	-
690	306	125	444	177	70	351	120	37	200	50	16
13	7	2	12	4	1	5	3	-	2	-	-
10	7	2	9	4	1	5	3	-	2	-	-
3	-	-	3	-	-	-	-	-	-	-	-
94	37	19	65	22	10	52	15	7	31	9	5
63	27	16	45	18	8	37	10	5	20	7	5
13	4	1	9	1	-	6	2	1	5	-	-
1	-	-	-	-	-	1	-	-	1	-	-
11	3	2	10	3	2	5	1	1	1	1	-
6	3	-	1	-	-	3	2	-	4	1	-
7	1	-	6	1	-	5	-	-	2	-	-
7	1	-	6	1	-	5	-	-	2	-	-
76	27	10	54	16	6	29	9	2	20	8	3
4	1	-	1	-	-	2	1	-	2	-	-
11	1	-	10	-	-	2	-	-	3	1	-
16	6	3	11	5	2	8	2	1	3	1	-
1	1	-	1	1	-	-	-	-	-	-	-
5	2	2	5	1	1	1	1	-	2	1	-
1	-	-	1	-	-	1	-	-	-	-	-
5	2	-	5	2	-	2	1	-	-	-	-
1	1	1	1	1	1	1	-	-	1	1	-
4	3	2	2	1	-	3	2	1	1	1	-
1	-	-	1	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	1	-	-
8	3	1	6	3	1	3	-	-	1	-	-
6	3	-	2	1	-	2	-	-	2	2	-
12	4	1	8	1	1	5	2	-	4	1	-
26	8	5	21	6	4	8	3	-	3	1	-
4	1	1	3	1	1	1	-	-	1	-	-
3	2	1	2	1	1	-	-	-	1	1	-
4	1	1	4	1	1	2	1	-	-	-	-
2	-	-	2	-	-	1	-	-	-	-	-
3	1	-	2	-	-	2	1	-	-	-	-
3	2	1	3	2	1	-	-	-	-	-	-
3	1	1	2	1	-	1	1	-	1	-	-
2	-	-	1	-	-	-	-	-	-	-	-
1	-	-	1	-	-	-	-	-	-	-	-
1	-	-	1	-	-	-	-	-	-	-	-
106	48	17	60	28	9	55	20	5	37	9	6
2	1	-	-	-	-	2	1	-	-	-	-
5	3	2	2	2	2	2	2	1	3	1	-
7	4	1	4	2	1	4	1	-	2	-	-
14	5	1	7	2	1	8	3	-	3	-	-
31	11	3	18	6	2	14	5	1	12	4	1
3	1	1	1	-	-	2	-	-	1	1	-
2	1	-	2	1	-	2	-	-	1	-	-
5	5	3	3	3	2	3	3	1	4	1	-
13	7	3	8	5	-	5	1	-	2	-	-
11	2	-	6	1	1	6	1	-	1	1	-
4	2	2	3	1	1	3	2	-	-	-	-
1	1	-	1	-	-	-	-	-	1	-	-
1	1	-	-	-	-	-	-	-	-	-	-
4	2	-	2	2	-	3	-	-	-	-	-
3	2	-	3	2	-	1	1	-	-	-	-

TABLE 15. Consumption of Aluminum Mill Shapes by Metal Fabricating Shapes, by States and State

(See appendix for an explanation)

Division, State, and State economic area ¹		Aluminum and aluminum-base alloy mill shapes and forms ²							
		Total		Sheet, plate, and foil (335202, 335203, and 335231)		Extruded shapes (335205)		All other (335207, 335208, and 335209)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
SOUTH ATLANTIC--Continued									
1	South Carolina.....	13,389	7,177	12,066	6,493	811	431	512	253
2	A (Columbia SMSA).....	1,524	1,417	(D)	(D)	(D)	(D)	124	120
3	6.....								
4	C (Charleston SMSA).....	622	290	(D)	(D)	(D)	(D)	(D)	(D)
5	7.....								
6	8.....								
7	D (Greenville SMSA).....	11,243	5,470	(D)	(D)	(D)	(D)	(D)	(D)
8	1.....								
9	2.....								
10	Georgia.....	72,104	33,570	39,713	18,854	17,899	9,215	14,492	5,501
11	B (Atlanta SMSA).....	25,565	12,394	12,380	5,582	12,619	6,500	566	312
12	C (Columbus SMSA-Georgia portion).....								
13	F (Macon SMSA).....								
14	G (Albany SMSA).....	20,131	8,388	8,745	4,151	(D)	(D)	(D)	(D)
15	6.....								
16	7.....								
17	8.....								
18	D (Augusta SMSA-Georgia portion).....	434	157	-	-	(D)	(D)	(D)	(D)
19	E (Savannah SMSA).....	8,481	3,738	(D)	(D)	(D)	(D)	-	-
20	1.....	994	485	(D)	(D)	(D)	(D)	542	246
21	2.....								
22	3.....	5,661	2,862	(D)	(D)	(D)	(D)	(D)	(D)
23	4.....	10,838	5,546	8,130	4,169	(D)	(D)	(D)	(D)
24	Florida.....	118,471	41,447	62,708	19,903	50,881	19,422	4,882	2,122
25	A (Jacksonville SMSA).....	4,387	1,750	(D)	(D)	3,070	1,249	(D)	(D)
26	B (Tampa-St. Petersburg SMSA).....	31,776	8,985	23,986	6,152	7,133	2,458	657	375
27	C (Miami SMSA).....	51,731	19,374	15,199	5,079	33,225	12,807	3,307	1,488
28	E (Orlando SMSA).....	10,424	4,684	9,038	4,116	1,352	541	34	27
29	F (West Palm Beach SMSA).....	2,135	823	(D)	(D)	1,897	680	(D)	(D)
30	G (Fort Lauderdale-Hollywood SMSA).....	1,164	514	(D)	(D)	481	210	(D)	(D)
31	1.....								
32	2.....								
33	3.....	4,111	1,990	3,678	1,834	(D)	(D)	(D)	(D)
34	4.....								
35	5.....	8,677	1,963	7,854	1,457	(D)	(D)	(D)	(D)
36	6.....	4,066	1,364	1,021	466	2,732	851	313	47
37	EAST SOUTH CENTRAL, TOTAL.....	164,029	81,938	94,587	48,388	48,267	23,671	21,175	9,879
38	Kentucky.....	85,230	42,985	64,780	33,668	14,960	7,011	5,490	2,306
39	A (Louisville SMSA-Kentucky portion) (See Indiana).....	71,339	37,227	59,687	31,339	(D)	(D)	(D)	(D)
40	B (Cincinnati SMSA-Kentucky portion) (See Ohio).....	332	162	257	130	(D)	(D)	(D)	(D)
41	C (Huntington-Ashland SMSA-Kentucky portion) (See Ohio and West Virginia).....								
42	E (Lexington SMSA).....	8,556	3,596	(D)	(D)	3,270	1,415	(D)	(D)
43	7.....								
44	9.....								
45	D (Evansville SMSA-Kentucky portion) (See Indiana).....								
46	1.....								
47	2.....	4,614	1,657	411	194	(D)	(D)	(D)	(D)
48	3.....								
49	4.....								
50	5.....								
51	6.....	389	343	(D)	(D)	(D)	(D)	(D)	(D)
52	Tennessee.....	41,665	21,404	12,015	6,175	21,186	11,295	8,464	3,934
53	A (Memphis SMSA-Tennessee portion).....	8,949	3,551	4,083	1,828	(D)	(D)	(D)	(D)
54	B (Nashville SMSA).....	15,431	9,675	2,992	1,711	10,315	6,653	2,124	1,311
55	C (Chattanooga SMSA-Tennessee portion).....	1,098	496	756	265	277	192	65	39
56	D (Knoxville SMSA).....								
57	6.....	5,171	3,433	2,455	1,605	(D)	(D)	(D)	(D)
58	7.....								
59	1.....								
60	2.....	3,341	1,326	(D)	(D)	(D)	(D)	104	69
61	3.....								
62	4.....								
63	5.....	3,752	1,037	(D)	(D)	(D)	(D)	(D)	(D)
64	8.....	3,923	1,886	350	217	3,522	1,616	51	53

See footnotes at end of table.

Establishments and Number of Establishments Consuming Aluminum Mill Economic Areas: 1963--Continued

of State economic areas)

Number of establishments consuming aluminum mill shapes and forms											
Total			Sheet, plate, and foil (335202, 335203, and 335231)			Extruded shapes (335205)			All other (335207, 335208, and 335209)		
Total ³	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--	
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000
29	12	4	18	8	3	14	3	-	9	2	-
7	3	2	4	2	1	2	1	-	3	1	-
1	-	-	3	1	-	2	-	-	1	-	-
3	1	-	-	-	-	1	-	-	-	-	-
1	1	-	1	-	-	1	1	-	1	-	-
1	1	-	-	-	-	1	1	-	-	-	-
6	2	1	2	1	1	4	-	-	-	1	-
1	1	-	1	1	-	1	-	-	1	-	-
9	3	1	7	3	1	2	-	-	2	-	-
114	53	22	72	33	15	50	18	5	30	10	3
57	24	7	38	15	4	32	11	3	13	3	-
1	-	-	-	-	-	1	-	-	-	-	-
2	1	-	2	1	-	1	-	-	-	-	-
1	1	-	1	1	-	-	-	-	-	-	-
2	1	1	1	-	-	-	-	-	1	1	1
7	4	2	5	3	2	3	2	-	-	-	-
8	3	1	6	3	1	3	1	-	1	-	-
4	2	-	-	-	-	3	2	-	3	-	-
4	3	3	4	3	3	2	1	1	-	-	-
6	2	-	3	1	-	1	-	-	4	1	-
2	2	-	-	-	-	-	-	-	2	2	-
7	2	2	4	1	1	1	-	-	3	1	1
13	8	6	8	5	4	3	1	1	3	2	1
225	113	46	136	59	22	133	49	18	66	11	1
21	10	2	13	3	1	14	6	1	3	-	-
50	19	9	37	14	6	28	3	2	19	2	-
74	46	20	38	19	5	46	24	11	27	8	1
15	9	7	13	8	5	7	3	1	3	-	-
12	6	1	6	-	-	9	5	1	2	-	-
15	4	-	5	2	-	8	1	-	4	1	-
3	-	-	2	-	-	1	-	-	1	-	-
1	-	-	1	-	-	1	-	-	-	-	-
4	3	2	3	3	2	1	-	-	1	-	-
5	1	1	3	1	1	4	1	-	2	-	-
9	7	3	5	4	2	4	3	1	1	-	-
16	8	1	10	5	-	10	3	1	3	-	-
269	117	45	174	61	25	128	45	21	82	24	11
84	33	13	57	20	8	36	12	6	25	6	3
46	19	10	33	13	7	21	7	3	13	2	2
6	1	-	4	1	-	2	-	-	1	-	-
1	1	-	1	-	-	1	1	-	1	-	-
6	2	1	3	1	-	2	1	1	2	-	-
4	2	1	2	1	1	2	1	1	2	2	1
1	-	-	-	-	-	1	-	-	-	-	-
1	1	-	1	1	-	1	-	-	-	-	-
1	-	-	1	-	-	-	1	1	1	-	-
3	1	1	2	-	-	1	-	-	-	-	-
1	-	-	1	-	-	-	-	-	1	1	-
5	2	-	3	1	-	1	1	-	-	-	-
2	1	-	2	-	-	2	-	-	-	1	-
7	3	-	4	2	-	2	-	-	4	-	-
99	47	16	60	19	7	57	21	9	33	9	5
22	7	2	16	5	2	7	3	1	6	1	-
27	14	7	14	4	2	17	7	6	9	-	-
11	2	-	5	1	-	9	1	-	5	-	-
2	1	-	2	-	-	2	1	-	1	-	-
6	5	2	5	3	2	3	1	-	1	1	1
2	2	1	2	1	-	1	-	-	1	-	-
3	-	-	1	-	-	1	-	-	1	-	-
1	1	-	1	1	-	1	1	1	-	-	-
3	2	1	2	1	-	2	1	-	1	-	-
3	2	1	2	1	1	2	1	-	2	2	-
5	3	1	2	-	-	2	1	-	4	-	-
14	8	1	8	2	-	11	6	1	4	-	-

TABLE 15. Consumption of Aluminum Mill Shapes by Metal Fabricating Shapes, by States and State

(See appendix for an explanation)

Division, State, and State economic area ¹		Aluminum and aluminum-base alloy mill shapes and forms ²							
		Total		Sheet, plate, and foil (335202, 335203, and 335231)		Extruded shapes (335205)		All other (335207, 335208, and 335209)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
EAST SOUTH CENTRAL--Continued									
1 Alabama.....		24,298	12,205	12,774	6,231	6,096	3,212	5,428	2,762
2 A (Birmingham SMSA).....		10,835	4,314	8,477	3,557	1,316	339	1,042	418
3 C (Montgomery SMSA).....									
4 D (Mobile SMSA).....									
5 6.....		5,385	2,325	1,617	807	(D)	(D)	(D)	(D)
6 9.....									
7 E (Gadsden SMSA).....									
8 F (Huntsville SMSA).....									
9 G (Tuscaloosa SMSA).....									
10 1.....		7,597	5,174	(D)	(D)	2,074	1,606	(D)	(D)
11 2.....									
12 3.....									
13 5.....									
14 4.....		481	392	(D)	(D)	(D)	(D)	(D)	(D)
15 Mississippi.....		12,836	5,344	5,018	2,314	6,025	2,153	1,793	877
16 A (Jackson SMSA).....		276	141	(D)	(D)	(D)	(D)	-	-
17 1.....		195	83	(D)	(D)	(D)	(D)	-	-
18 2.....									
19 6.....		7,225	2,738	2,901	1,157	(D)	(D)	(D)	(D)
20 7.....									
21 3.....		4,505	1,880	(D)	(D)	(D)	(D)	(D)	(D)
22 4.....		250	179	(D)	(D)	(D)	(D)	52	46
23 5.....		385	323	(D)	(D)	(D)	(D)	-	-
24 WEST SOUTH CENTRAL, TOTAL.....		116,320	53,504	56,065	27,542	45,642	19,129	14,613	6,833
25 Arkansas.....		9,815	4,089	3,301	1,263	2,886	1,310	3,628	1,516
26 A (Little Rock-North Little Rock SMSA).....		539	280	(D)	(D)	208	128	(D)	(D)
27 B (Ft. Smith SMSA-Arkansas portion).....									
28 1.....									
29 2.....		6,727	2,630	(D)	(D)	(D)	(D)	(D)	(D)
30 4.....									
31 5.....									
32 9.....									
33 3.....		322	211	(D)	(D)	(D)	(D)	(D)	(D)
34 6.....									
35 8.....		902	393	803	348	99	45	-	-
36 7.....		1,325	575	347	137	(D)	(D)	(D)	(D)
37 Louisiana.....		14,748	6,298	6,417	2,967	5,088	2,024	3,242	1,307
38 A (Shreveport SMSA).....		5,981	2,644	(D)	(D)	748	301	(D)	(D)
39 B (New Orleans SMSA).....		3,368	1,579	(D)	(D)	499	272	(D)	(D)
40 C (Baton Rouge SMSA).....									
41 D (Lafayette SMSA).....									
42 E (Lake Charles SMSA).....									
43 1.....		5,399	2,075	(D)	(D)	3,841	1,451	(D)	(D)
44 5.....									
45 6.....									
46 8.....									
47 Oklahoma.....		10,602	5,711	7,575	3,592	2,682	1,880	345	239
48 A (Tulsa SMSA).....		4,874	2,887	3,191	1,595	(D)	(D)	(D)	(D)
49 B (Oklahoma City SMSA).....		3,030	1,495	1,851	824	(D)	(D)	(D)	(D)
50 C (Lawton).....									
51 4.....									
52 5.....		1,061	488	(D)	(D)	(D)	(D)	-	-
53 7.....									
54 2.....		540	321	(D)	(D)	(D)	(D)	-	-
55 3.....									
56 8.....		1,097	520	(D)	(D)	(D)	(D)	-	-
57 Texas.....		81,155	37,406	38,772	19,720	34,986	13,915	7,397	3,771
58 A (El Paso SMSA).....		69	67	(D)	(D)	(D)	(D)	(D)	(D)
59 B (Forth Worth SMSA).....		15,738	9,787	11,362	7,034	3,083	2,104	1,293	649
60 C (Dallas SMSA).....		26,501	10,926	9,113	4,697	15,386	5,161	2,002	1,068
61 D (Waco SMSA).....		444	223	331	168	(D)	(D)	(D)	(D)
62 E (Austin SMSA).....		266	119	(D)	(D)	(D)	(D)	(D)	(D)
63 F (San Antonio SMSA).....		520	203	(D)	(D)	(D)	(D)	124	45
64 G (Houston SMSA).....		15,339	6,389	8,985	3,807	5,697	2,228	657	354
65 H (Beaumont-Port Arthur SMSA).....		360	180	231	105	(D)	(D)	(D)	(D)
66 J (Amarillo SMSA).....									
67 V (Odessa SMSA).....									
68 5.....		1,504	749	(D)	(D)	860	386	(D)	(D)
69 6.....									
70 7.....									

See footnotes at end of table.

Establishments and Number of Establishments Consuming Aluminum Mill Economic Areas: 1963--Continued

of State economic areas)

Number of establishments consuming aluminum mill shapes and forms												
Total			Sheet, plate, and foil (335202, 335203, and 335231)			Extruded shapes (335205)			All other (335207, 335208, and 335209)			
Total ³	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000	
51	24	11	36	16	8	20	7	4	16	7	2	1
19	9	3	13	6	3	7	2	-	6	3	-	2
3	1	-	2	1	-	1	-	-	-	-	-	3
2	-	-	1	-	-	-	-	-	1	-	-	4
2	1	-	1	-	-	-	-	-	1	1	-	5
3	2	2	3	2	2	3	2	2	3	1	-	6
1	1	-	1	1	-	-	-	-	-	-	-	7
5	2	1	5	2	1	3	1	1	2	-	-	8
2	1	1	1	-	-	1	-	-	1	1	1	9
4	2	2	2	1	1	2	1	1	-	-	-	10
2	1	1	2	1	1	-	-	-	-	-	-	11
1	-	-	1	-	-	1	-	-	-	-	-	12
3	1	1	1	-	-	1	-	-	1	1	1	13
4	3	-	3	2	-	1	1	-	1	-	-	14
35	13	5	21	6	2	15	5	2	8	2	1	15
5	-	-	4	-	-	3	-	-	-	-	-	16
4	-	-	4	-	-	1	-	-	-	-	-	17
3	1	1	2	1	1	1	-	-	-	-	-	18
8	3	1	2	-	-	4	2	1	4	1	-	19
1	-	-	1	-	-	-	-	-	-	-	-	20
5	5	3	2	2	1	2	2	1	1	1	1	21
5	1	-	3	-	-	2	1	-	3	-	-	22
4	3	-	3	3	-	2	-	-	-	-	-	23
436	156	53	277	95	26	224	64	17	104	22	10	24
35	13	5	20	6	2	15	4	1	10	3	3	25
8	1	-	3	-	-	4	1	-	4	-	-	26
3	3	2	2	2	2	1	1	-	1	1	1	27
1	-	-	1	-	-	1	-	-	-	-	-	28
1	-	-	-	-	-	1	-	-	-	-	-	29
1	-	-	1	-	-	-	-	-	-	-	-	30
1	1	1	-	-	-	1	1	1	-	-	-	31
2	1	1	-	-	-	-	-	-	2	1	1	32
5	1	3	3	-	-	2	1	-	1	-	-	33
5	3	-	5	3	-	3	-	-	-	-	-	34
1	-	-	1	-	-	-	-	-	-	-	-	35
7	3	1	4	1	-	2	-	-	2	1	1	36
35	18	6	20	8	3	22	6	1	7	4	3	37
10	4	2	4	1	1	7	1	-	3	3	2	38
12	9	2	7	4	1	6	2	-	3	1	1	39
3	-	-	2	-	-	2	-	-	1	-	-	40
2	1	1	1	-	-	1	1	1	-	-	-	41
2	-	-	2	-	-	1	-	-	-	-	-	42
2	1	-	-	-	-	2	1	-	-	-	-	43
1	-	-	1	-	-	-	-	-	-	-	-	44
2	2	1	2	2	1	2	1	-	-	-	-	45
1	1	-	1	1	-	1	-	-	-	-	-	46
68	30	5	53	23	1	33	9	1	10	1	-	47
36	14	1	26	11	-	18	4	1	6	-	-	48
15	6	3	12	3	1	9	4	-	4	1	-	49
1	1	-	1	1	-	-	-	-	-	-	-	50
2	1	-	2	1	-	1	-	-	-	-	-	51
1	1	-	1	1	-	1	-	-	-	-	-	52
1	1	-	1	-	-	1	-	-	-	-	-	53
7	3	-	6	3	-	1	-	-	-	-	-	54
3	1	-	2	1	-	1	-	-	-	-	-	55
2	2	1	2	2	-	1	1	-	-	-	-	56
298	95	37	184	58	20	154	45	14	77	14	4	57
5	1	-	2	-	-	2	1	-	1	-	-	58
41	17	7	24	13	5	20	8	3	11	4	-	59
87	28	12	58	14	5	48	17	5	24	4	2	60
8	1	-	6	1	-	4	-	-	1	-	-	61
5	-	-	3	-	-	3	-	-	1	-	-	62
11	2	-	3	-	-	7	1	-	4	-	-	63
77	16	8	47	11	5	36	7	2	21	2	-	64
6	1	-	4	1	-	3	-	-	2	-	-	65
2	-	-	1	-	-	1	-	-	1	-	-	66
1	-	-	1	-	-	-	-	-	-	-	-	67
1	1	1	-	-	-	1	1	1	-	-	-	68
3	1	-	2	1	-	3	-	-	1	-	-	69
2	1	-	1	1	-	1	-	-	-	-	-	70

TABLE 15. Consumption of Aluminum Mill Shapes by Metal Fabricating Shapes, by States and State

(See appendix for an explanation)

Division, State, and State economic area ¹		Aluminum and aluminum-base alloy mill shapes and forms ²							
		Total		Sheet, plate, and foil (335202, 335203, and 335231)		Extruded shapes (335205)		All other (335207, 335208, and 335209)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
WEST SOUTH CENTRAL--Continued									
Texas--Continued									
1	K (Wichita Falls SMSA).....	411	182	(D)	(D)	(D)	(D)	(D)	(D)
2	L (Lubbock SMSA).....	821	492	(D)	(D)	546	377	(D)	(D)
3	M (Galveston-Texas City SMSA).....								
4	P (San Angelo SMSA).....								
5	X (Texarkana SMSA-Texas portion).....								
6	2.....								
7	9.....								
8	11.....								
9	12.....								
10	13.....								
11	14.....								
12	N (Corpus Christi SMSA).....	381	153	(D)	(D)	(D)	(D)	(D)	(D)
13	W (Tyler SMSA).....	3,843	1,722	(D)	(D)	-	-	(D)	(D)
14	8.....	4,613	2,099	1,467	766	(D)	(D)	(D)	(D)
15	MOUNTAIN, TOTAL.....	23,281	13,581	10,952	6,121	8,074	5,114	4,255	2,346
16	Montana.....	172	109	(D)	(D)	(D)	(D)	(D)	(D)
17	A (Billings SMSA).....								
18	1.....	172	109	(D)	(D)	(D)	(D)	(D)	(D)
19	Idaho.....	1,486	671	(D)	(D)	(D)	(D)	(D)	(D)
20	A (Boise SMSA).....	(D)	(D)	(D)	(D)	-	-	-	-
21	3.....								
22	4.....	(D)	(D)	(D)	(D)	(D)	(D)	-	-
23	Wyoming.....	82	67	(D)	(D)	(D)	(D)	(D)	(D)
24	02.....	82	67	(D)	(D)	(D)	(D)	(D)	(D)
25	Colorado.....	8,436	5,506	2,886	1,759	4,863	3,389	687	358
26	A (Denver SMSA).....	6,572	4,309	2,178	1,251	3,765	2,736	629	322
27	C (Colorado Springs SMSA).....	1,181	874	(D)	(D)	(D)	(D)	(D)	(D)
28	2.....								
29	3.....								
30	4.....	683	323	(D)	(D)	(D)	(D)	(D)	(D)
31	New Mexico.....	2,103	1,410	1,289	866	(D)	(D)	(D)	(D)
32	A (Albuquerque SMSA).....								
33	1.....	2,103	1,410	1,289	866	(D)	(D)	(D)	(D)
34	Arizona.....	5,417	2,973	2,819	1,513	2,412	1,298	186	162
35	A (Phoenix SMSA).....								
36	1.....	3,733	2,233	2,292	1,289	1,316	826	125	118
37	B (Tucson SMSA).....	1,684	740	527	224	1,096	472	61	44
38	Utah.....	5,585	2,845	2,262	1,170	(D)	(D)	(D)	(D)
39	A (Salt Lake City SMSA).....								
40	B (Ogden SMSA).....	5,585	2,845	2,262	1,170	(D)	(D)	(D)	(D)
41	1.....								
42	Nevada.....	-	-	-	-	-	-	-	-
43	PACIFIC, TOTAL.....	370,937	202,792	183,817	94,761	99,594	56,944	87,526	51,087
44	Washington.....	24,867	14,496	(D)	(D)	11,816	6,169	(D)	(D)
45	A (Seattle-Everett SMSA).....	19,301	12,085	(D)	(D)	8,837	4,950	(D)	(D)
46	B (Tacoma SMSA).....	452	220	(D)	(D)	(D)	(D)	(D)	(D)
47	C (Portland SMSA-Washington portion) (See Oregon).....								
48	4.....	213	124	(D)	(D)	(D)	(D)	(D)	(D)
49	D (Spokane SMSA).....	4,787	2,007	(D)	(D)	2,937	1,174	(D)	(D)
50	2.....								
51	5.....								
52	6.....	114	60	(D)	(D)	(D)	(D)	(D)	(D)
53	Oregon.....	16,190	8,276	9,623	4,154	3,794	1,656	2,773	2,466
54	A (Portland SMSA-Oregon portion) (See Washington).....								
55	B (Eugene SMSA).....	14,335	7,449	9,092	3,906	2,476	1,084	2,767	2,459
56	1.....								
57	4.....	253	157	(D)	(D)	(D)	(D)	(D)	(D)
58	2.....	1,602	670	(D)	(D)	(D)	(D)	(D)	(D)

Establishments and Number of Establishments Consuming Aluminum Mill Economic Areas: 1963--Continued

of State economic areas)

Number of establishments consuming aluminum mill shapes and forms											
Total			Sheet, plate, and foil (335202, 335203, and 335231)			Extruded shapes (335205)			All other (335207, 335208, and 335209)		
Total ³	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--	
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000
4	2	-	3	2	-	2	-	-	1	-	-
8	3	-	3	-	-	4	2	-	2	1	-
1	-	-	1	-	-	1	-	-	-	-	-
2	1	-	2	1	-	2	-	-	1	-	-
2	2	1	2	2	1	1	1	-	-	-	-
1	1	1	1	1	1	1	1	-	-	-	-
1	1	1	-	-	-	1	1	1	-	-	-
1	1	-	1	1	-	1	-	-	-	-	-
2	2	1	2	2	1	1	1	1	-	-	-
1	1	-	1	-	-	1	1	-	-	-	-
2	-	-	1	-	-	-	-	-	1	-	-
4	1	-	2	1	-	2	-	-	1	-	-
6	3	2	5	2	1	-	-	-	1	1	1
14	8	3	8	4	1	8	3	1	3	2	1
150	53	10	106	30	5	74	23	3	39	6	2
6	-	-	4	-	-	3	-	-	1	-	-
2	-	-	2	-	-	-	-	-	1	-	-
4	-	-	2	-	-	3	-	-	-	-	-
10	5	-	10	5	-	1	-	-	-	-	-
4	3	-	4	3	-	-	-	-	-	-	-
3	1	-	3	1	-	-	-	-	-	-	-
3	1	-	3	1	-	1	-	-	-	-	-
3	-	-	3	-	-	1	-	-	1	-	-
3	-	-	3	-	-	1	-	-	1	-	-
54	19	5	34	7	2	25	12	2	15	2	-
40	14	3	25	4	1	19	8	1	11	2	-
8	3	2	4	1	1	4	3	1	3	-	-
1	1	-	1	1	-	1	-	-	-	-	-
3	1	-	2	1	-	-	-	-	1	-	-
2	-	-	2	-	-	1	-	-	-	-	-
10	4	1	9	3	1	7	-	-	4	1	1
9	4	1	9	3	1	6	-	-	4	1	1
1	-	-	-	-	-	1	-	-	-	-	-
42	16	2	26	9	1	25	9	1	10	1	-
33	12	1	21	7	1	18	7	-	7	1	-
1	-	-	-	-	-	1	-	-	-	-	-
8	4	1	5	2	-	6	2	1	3	-	-
25	9	2	20	6	1	12	2	-	8	2	1
21	8	1	17	6	1	12	2	-	7	1	-
2	-	-	2	-	-	-	-	-	-	-	-
2	1	1	1	-	-	-	-	-	1	1	1
-	-	-	-	-	-	-	-	-	-	-	-
1,427	421	142	847	233	65	663	153	53	430	96	31
119	36	11	82	19	6	67	18	8	30	6	3
73	27	9	51	13	5	44	13	7	20	6	3
13	1	-	9	1	-	5	-	-	5	-	-
1	-	-	-	-	-	-	-	-	1	-	-
5	1	-	3	1	-	2	-	-	-	-	-
22	7	2	15	4	1	14	5	1	3	-	-
1	-	-	-	-	-	1	-	-	-	-	-
2	-	-	2	-	-	1	-	-	1	-	-
2	-	-	2	-	-	-	-	-	-	-	-
71	28	6	39	15	3	32	6	2	24	7	1
54	23	5	33	13	3	20	3	1	21	7	1
4	1	-	1	-	-	4	1	-	-	-	-
2	-	-	1	-	-	1	-	-	-	-	-
1	-	-	-	-	-	1	-	-	-	-	-
10	4	1	4	2	-	6	2	1	3	-	-

TABLE 15. Consumption of Aluminum Mill Shapes by Metal Fabricating Shapes, by States and State

(See appendix for an explanation)

Division, State, and State economic area ¹		Aluminum and aluminum-base alloy mill shapes and forms ²							
		Total		Sheet, plate, and foil (335202, 335203, and 335231)		Extruded shapes (335205)		All other (335207, 335208, and 335209)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
PACIFIC--Continued									
1 California.....		329,232	179,505	164,347	84,645	83,954	49,100	80,931	45,760
2 A (San Francisco-Oakland SMSA).....		37,039	17,454	20,587	10,084	12,955	5,716	3,497	1,654
3 B (San Jose SMSA).....		46,170	25,038	(D)	(D)	2,262	2,332	(D)	(D)
4 C (Sacramento SMSA).....		360	166	229	104	(D)	(D)	(D)	(D)
5 D (Stockton SMSA).....		695	431	604	350	(D)	(D)	(D)	(D)
6 E (Fresno SMSA).....		4,542	2,202	962	694	(D)	(D)	(D)	(D)
7 F (Anaheim-Santa Ana-Garden Grove SMSA).....		13,253	6,577	6,654	2,923	4,336	2,014	2,263	1,640
8 G (San Diego SMSA).....		10,204	9,590	5,361	4,252	3,143	3,915	1,700	1,423
9 H (San Bernardino-Riverside-Ontario SMSA).....		14,131	6,739	9,455	4,092	4,017	2,193	659	454
10 J (Bakersfield SMSA).....		1,741	886	(D)	(D)	(D)	(D)	192	89
11 K (Santa Barbara SMSA).....		119	56	(D)	(D)	(D)	(D)	(D)	(D)
12 L (Los Angeles-Long Beach SMSA).....		195,621	107,995	77,092	41,190	53,892	31,564	64,637	35,241
13 M.....		383	179	(D)	(D)	(D)	(D)	-	-
14 N.....		2,656	995	(D)	(D)	(D)	(D)	-	-
15 O.....		2,318	1,197	2,146	(D)	(D)	(D)	(D)	(D)
16 P.....		(D)	(D)	(D)	(D)	(D)	(D)	-	-
17 Q.....		(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
18 R.....		(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
19 Alaska.....		(D)	(D)	(D)	(D)	(D)	(D)	-	-
20 Hawaii.....		(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
21 A (Honolulu SMSA).....		(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

- Represents zero. (D) Withheld to avoid disclosing figures of individual companies.

¹A description of the State economic areas and a list of the counties included in each area are given in the appendix to this report. Standard Metropolitan Statistical Areas (SMSA) are identified by capital letters and the SMSA title is shown in parentheses. Nonmetropolitan areas are identified by figures. Also, see footnote 4.

²The data shown in this table represent purchases by metal fabricating plants from other establishments including interplant transfers between establishments operated by the same company. Statistics on the quantities of aluminum and aluminum-base alloy mill shapes and forms consumed in aluminum rolling and drawing mills in the production of fabricated products are excluded.

Establishments and Number of Establishments Consuming Aluminum Mill Economic Areas: 1963--Continued

of State economic areas)

Number of establishments consuming aluminum mill shapes and forms												
Total			Sheet, plate, and foil (335202, 335203, and 335231)			Extruded shapes (335205)			All other (335207, 335208, and 335209)			
Total ³	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		Total	Consuming in excess of--		
	\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000		\$50,000	\$250,000	
1,231	356	124	723	199	56	561	129	43	375	82	26	1
158	55	15	107	27	8	75	21	6	39	9	1	2
57	14	8	36	9	3	30	5	2	18	3	2	3
9	-	-	5	-	-	4	-	-	1	-	-	4
2	1	-	1	1	-	1	-	-	-	-	-	5
11	2	-	8	2	-	8	-	-	3	-	-	6
15	6	3	9	3	1	5	1	-	3	2	2	7
63	18	8	26	8	2	29	5	3	23	7	2	8
34	9	6	24	5	3	18	6	4	13	4	2	9
39	18	6	29	12	4	15	6	4	9	3	-	10
2	-	-	1	-	-	-	-	-	1	-	-	11
6	-	-	2	-	-	1	-	-	3	-	-	12
4	2	1	3	1	1	1	1	-	-	-	-	13
5	-	-	4	-	-	1	-	-	1	-	-	14
810	224	74	459	126	32	366	81	23	259	54	17	15
4	1	-	2	-	-	2	1	-	-	-	-	16
6	3	2	4	2	1	3	1	1	-	-	-	17
6	3	1	3	3	1	2	1	-	2	-	-	18
2	-	-	1	-	-	1	-	-	-	-	-	19
4	1	1	2	-	-	2	-	-	1	1	1	20
4	1	1	2	-	-	2	-	-	1	1	1	21

³Represents an unduplicated count of aluminum and aluminum-base alloy mill shape consumers. That is, an establishment which reported consumption of the three types of mill shapes is counted as one establishment in the "total establishments" columns as well as one establishment in each of the detail mill shape columns. Also, a given establishment may be excluded from the detail shape columns labeled "consuming in excess of \$50,000 or \$250,000" because of relatively small consumption of the detailed shapes but may be included as a consumer of over \$50,000 or \$250,000 of mill shapes in the "total establishments" columns.

⁴In New England, Standard Metropolitan Statistical Areas (SMSA) are defined on a city or town rather than a county basis. Therefore, the geographic units identified by capital letters do not represent SMSA's but represent areas which contain one or more of the central cities of SMSA's. The central cities are shown in parentheses.

TABLE 16. Consumption of Aluminum and Aluminum-Base Alloy Castings by Metal Fabricating Establishments, by Selected Industry Groups and Industries Within States: 1963

Code	Industry group and industry ¹	Aluminum and Aluminum-base alloy (336100)		Code	Industry group and industry ¹	Aluminum and Aluminum-base alloy (336100)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)			Quantity (1,000 pounds)	Delivered cost (\$1,000)
	Metal fabricating industries, total ²	832,561	543,537		Machinery except electrical--Continued		
34	Fabricated metal products.....	36,649	25,055	356	General Industrial machinery.....	(D)	(D)
35	Machinery, except electrical.....	(D)	(D)	3561	Pumps and compressors.....	5,524	4,520
36	Electrical machinery.....	102,442	76,798	3562	Ball and roller bearing.....	(D)	(D)
37	Transportation equipment.....	(D)	(D)	3564	Blowers and fans.....	1,518	1,144
38	Instruments and related products.....	41,117	29,488	3565	Industrial patterns.....	1,850	1,539
39	Miscellaneous manufacturing.....	(D)	(D)	3566	Power transmission equipment.....	2,546	2,287
19	Ordinance and accessories.....	(D)	(D)	3567	Industrial furnaces and ovens.....	(X)	(X)
				3569	General industry machines, n.e.c....	1,425	1,006
34	Fabricated metal products.....	36,649	25,055	357	Office machines, n.e.c.....	11,249	9,946
342	Cutlery, hand tools, hardware.....	8,437	5,608	3571	Computing and related machines.....	2,698	3,160
3421	Cutlery.....	26	17	3572	Typewriters.....	4,519	3,719
3423	Hand and edge tools.....	3,157	2,209	3576	Scales and balances.....	2,450	1,573
3429	Hardware, n.e.c.....	5,254	3,382	3579	Office machines n.e.c.....	1,582	1,494
343	Plumbing and heating, except electric	4,062	3,026	358	Service industry machines.....	18,238	12,494
3431	Metal plumbing fixtures.....	(D)	(D)	3581	Automatic vending machines.....	683	435
3432	Plumbing fittings, brass, goods....	(D)	(D)	3582	Commercial laundry equipment.....	616	607
3433	Heating equipment, except electric.	3,857	2,892	3585	Refrigeration machinery.....	8,517	5,249
				3586	Measuring and dispensing pumps.....	2,692	1,977
344	Structural metal products.....	13,036	7,472	3589	Service industry machines, n.e.c....	5,730	4,226
3441	Fabricated structural steel.....	2,477	2,071				
3442	Metal doors, sash, and trim.....	7,306	3,441	3599	Miscellaneous machinery.....	23,016	15,326
3443	Boiler shop products.....	(NA)	301				
3444	Sheet metal work.....	501	441	36	Electrical machinery.....	102,442	76,798
3446	Architectural metal work.....	1,694	761	361	Electric distribution products.....	5,009	3,951
3449	Miscellaneous metal work, n.e.c....	533	457	3611	Electric measuring instruments.....	1,797	1,204
345	Screw machine products, bolts, etc...	567	431	3613	Switchgear and switchboards.....	3,212	2,747
3451	Screw machine products.....	401	341				
3452	Bolts, nuts, rivets, and washers...	166	90	362	Electric industrial apparatus.....	23,528	15,506
3461	Metal stampings.....	1,352	1,107	3621	Motors and generators.....	20,941	14,384
3481	Fabricated wire products, n.e.c.....	403	233	3622	Industrial controls.....	2,587	1,122
				3623	Electric welding apparatus.....	(X)	(X)
349	Fabricated metal products, n.e.c....	8,792	7,178	363	Household appliances.....	27,421	18,429
3494	Valves and pipe fittings.....	6,058	5,202	3631	Household cooking equipment.....	(D)	(D)
3498	Fabricated pipe and fittings.....	1,245	723	3632	Household refrigerators.....	3,433	2,699
3499	Fabricated metal products, n.e.c....	1,489	1,253	3633	Household laundry equipment.....	10,543	6,186
				3634	Electric housewares and fans.....	7,754	5,880
35	Machinery, except, electrical....	(D)	(D)	3635	Household vacuum cleaners.....	1,951	1,001
351	Engines and turbines.....	34,731	24,795	3636	Sewing machines.....	(D)	(D)
3511	Steam engines and turbines.....	391	412	3639	Household appliances.....	3,615	2,550
3519	Internal combustion engines.....	34,340	24,383	364	Lighting and wiring devices.....	16,002	11,911
				3642	Lighting fixtures.....	7,687	5,880
3522	Farm machinery and equipment.....	9,838	5,651	3643	Current carrying devices.....	2,788	2,277
				3644	Noncurrent carrying devices.....	5,527	3,754
353	Construction and like equipment.....	16,127	12,301	3651	Radio and TV receiving sets.....	765	651
3531	Construction machinery.....	10,139	7,881				
3532	Mining machinery and equipment.....	133	150	366	Communication equipment.....	16,370	17,070
3533	Oil field machinery.....	1,753	858	3661	Telephone; telegraph apparatus....	5,122	3,178
3534	Elevators and moving stairways....	1,284	774	3662	Radio, TV communications equipment.	11,248	13,892
3535	Conveyors.....	757	820				
3536	Hoists, cranes, and monorails.....	1,135	1,154	367	Electronic components.....	3,225	4,120
3537	Industrial trucks and tractors.....	926	664	3671	Electron tubes, receiving type....	(D)	(D)
354	Metalworking machinery.....	19,730	16,878	3672	Cathode ray picture tubes.....	(D)	(D)
3541	Metal-cutting machine tools.....	2,478	2,552	3673	Electron tubes, transmitting.....	1,145	144
3542	Metal-forming machine tools.....	865	601	3674	Semiconductors.....	(D)	(D)
3544	Special dies and tools.....	3,207	1,910	3679	Electronic components, n.e.c.....	2,033	3,894
3545	Machine tool accessories.....	792	764				
3548	Metalworking machinery, n.e.c.....	12,388	11,051	3694	Engine electrical equipment.....	10,122	5,160
355	Special industry machinery.....	15,182	14,502				
3551	Food products machinery.....	3,984	3,371	37	Transportation equipment.....	(D)	(D)
3552	Textile machinery.....	2,105	1,943				
3553	Woodworking machinery.....	2,835	3,324	371	Motor vehicles and equipment.....	430,961	225,818
3554	Paper industries machinery.....	452	465	3713	Truck and bus bodies.....	190	163
3555	Printing trades machinery.....	1,945	2,100	3715	Truck trailers.....	566	367
3559	Special industry machines, n.e.c....	3,861	3,299	3717	Motor vehicles and parts.....	430,205	225,288

See footnotes at end of table.

TABLE 16. Consumption of Aluminum and Aluminum-Base Alloy Castings by Metal Fabricating Establishments, by Selected Industry Groups and Industries Within States: 1963--Continued

Code	Industry group and industry ¹	Aluminum and aluminum-base alloy (336100)		Code	Industry group and industry ¹	Aluminum and aluminum-base alloy (336100)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)			Quantity (1,000 pounds)	Delivered cost (\$1,000)
37	Transportation equipment--Con.			38	Instruments and related products--Continued....		
372	Aircraft and parts.....	(D)	(D)	382	Mechanical measuring devices.....	24,747	17,645
3721	Aircraft.....	5,394	8,515	3821	Mechanical measuring devices.....	16,971	12,512
3722	Aircraft engines and parts.....	14,290	26,665	3822	Automatic temperature controls.....	7,776	5,133
3723	Aircraft propellers and parts.....	(D)	(D)	3831	Optical instruments and lenses.....	457	806
3729	Aircraft equipment, n.e.c.....	12,625	14,787	3861	Photographic equipment.....	12,508	8,087
373	Ship and boat building.....	1,348	924	39	Miscellaneous manufacturing.....	(D)	(D)
3731	Ship building and repairing.....	365	376	3914	Silverware and plated ware.....	(D)	(D)
3732	Boat building and repairing.....	983	548	3999	Miscellaneous products, n.e.c.....	(X)	(X)
374	Railroad equipment.....	18,520	5,043	19	Ordinance and accessories.....	(D)	(D)
3741	Locomotives and parts.....	(D)	(D)	192	Missiles and ammunition, n.e.c.....	2,580	3,068
3742	Railroad and street cars.....	(D)	(D)	1925	Complete guided missiles.....	2,063	2,550
3751	Motorcycles, bicycles, and parts....	(X)	(X)	1929	Ammunition, n.e.c.....	517	518
379	Transportation equipment, n.e.c.....	364	264	1931	Tank and tank components.....	(D)	(D)
3791	Trailer coaches.....	364	264	1951	Small arms, 30 mm. and under.....	559	279
3799	Transportation equipment, n.e.c....	(X)	(X)	1911 and 1999	Guns, howitzers, and mortars and ordinance and accessories, n.e.c....	1,063	636
38	Instruments and related products.	41,117	29,488				
3811	Scientific instruments.....	3,405	2,950				

Note: The data shown in this table represent purchases by metal fabricating plants from other establishments including interplant transfers between establishments operated by the same company. Data on the quantities of castings produced and consumed in the same establishment are excluded from this table but are available for selected industries in table 7A of the appropriate industry reports in Volume II, "Industry Statistics," of the 1963 Census of Manufactures.

(D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. ¹Major group (2-digit) and industry group (3-digit) totals include (a) data for individual industries for which data are published as well as for those industries which could not be published without disclosing the operations of individual companies, and (b) an estimate of quantities for industries for which cost data are publishable but for which quantity data were suppressed because of significant nonreporting of quantity figures. The estimates for quantities are based on an average for a 2-digit industry group derived from those industry totals within the group for which valid totals of quantity and associated cost were reported.

²The "Metal fabricating industries" include establishments whose primary activity is the manufacture of products fabricated beyond the metal mill or foundry level.

**TABLE 17. Consumption of Aluminum and Aluminum-Base Alloy Castings
by Metal Fabricating Establishments, Divisions and States; 1963**

Division and State	Aluminum and aluminum base alloy (336100)		Division and State	Aluminum and aluminum base alloy (336100)	
	Quantity (1,000 pounds)	Delivered cost (\$1,000)		Quantity (1,000 pounds)	Delivered cost (\$1,000)
United States, total.....	832,561	543,537	South Atlantic--Continued		
New England.....	25,900	29,915	Virginia.....	1,685	689
Maine.....	63	60	West Virginia.....	6,787	3,064
New Hampshire.....	287	376	North Carolina.....	3,010	4,134
Vermont.....	420	462	South Carolina.....	4,793	3,816
Massachusetts.....	10,931	11,321	Georgia.....	2,724	2,659
Rhode Island.....	321	466	Florida.....	2,294	2,410
Connecticut.....	13,878	17,230	East South Central.....	9,014	7,058
Middle Atlantic.....	105,322	73,025	Kentucky.....	2,509	2,173
New York.....	73,747	46,353	Tennessee.....	3,102	2,417
New Jersey.....	11,228	9,690	Alabama.....	805	836
Pennsylvania.....	20,347	16,982	Mississippi.....	2,598	1,632
East North Central.....	560,722	335,887	West South Central.....	11,342	7,135
Ohio.....	150,939	103,782	Arkansas.....	2,453	1,082
Indiana.....	93,564	55,487	Louisiana.....	267	223
Illinois.....	46,302	34,144	Oklahoma.....	3,581	1,883
Michigan.....	208,836	112,485	Texas.....	5,041	3,947
Wisconsin.....	61,081	29,989	Mountain.....	5,702	6,365
West North Central.....	29,012	23,657	Montana.....	(D)	(D)
Minnesota.....	7,127	5,056	Idaho.....	(D)	(D)
Iowa.....	5,144	3,993	Wyoming.....	-	-
Missouri.....	11,226	9,385	Colorado.....	1,910	2,795
North Dakota.....	-	-	New Mexico.....	(D)	(D)
South Dakota.....	(D)	(D)	Arizona.....	1,914	1,715
Nebraska.....	(D)	(D)	Utah.....	1,026	1,268
Kansas.....	2,533	2,854	Nevada.....	(D)	(D)
South Atlantic.....	30,262	23,750	Pacific.....	45,285	36,745
Delaware.....	(D)	(D)	Washington.....	3,703	2,274
Maryland.....	8,812	6,842	Oregon.....	2,784	1,945
District of Columbia.....	(D)	(D)	California.....	38,798	32,526
			Hawaii.....	-	-

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The data shown in this table represent purchases by metal fabricating plants from other establishments including interplant transfers between establishments operated by the same company. Statistics for castings produced and consumed in the same plant are excluded.

TABLE 18. Consumption of Aluminum and Aluminum-Base Alloy Castings by Metal Fabricating Establishments, Selected Industry Groups, and Industries Within States: 1963

Code	Division, State, industry group, and industry ¹	Aluminum and aluminum-base alloy castings ² (336100)		Code	Division, State, industry group, and industry ¹	Aluminum and aluminum-base alloy castings ² (336100)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)			Quantity (1,000 pounds)	Delivered cost (\$1,000)
	UNITED STATES, TOTAL.....	822,561	543,537		MIDDLE ATLANTIC--Continued		
	NEW ENGLAND, TOTAL.....	25,900	29,915		Pennsylvania--Continued		
	Maine.....	63	60	36	Electrical machinery.....	2,415	2,288
	New Hampshire.....	287	376	3662	Radio, TV communications equipment..	131	148
	Vermont.....	420	462				
	Massachusetts.....	10,931	11,321	38	Instruments and related products.....	7,000	5,401
34	Fabricated metal products.....	1,068	916	3821	Mechanical measuring devices.....	6,423	4,969
3494	Valves and pipe fittings.....	678	692				
36	Electrical machinery.....	3,438	3,433		EAST NORTH CENTRAL, TOTAL.....	560,722	335,887
3611	Electric measuring instruments.....	53	94		Ohio.....	150,939	103,782
3662	Radio, TV communications equipment..	1,414	1,787				
38	Instruments and related products.....	2,377	1,118	34	Fabricated metal products.....	6,156	4,588
3811	Scientific instruments.....	87	65	3433	Heating equipment, except electric..	411	381
3821	Mechanical measuring devices.....	450	548	3444	Sheet metalwork.....	197	145
	Rhode Island.....	321	466	3451	Screw machine products.....	177	129
	Connecticut.....	13,878	17,230	3494	Valves and pipe fittings.....	352	260
34	Fabricated metal products.....	722	743	36	Electrical machinery.....	11,327	8,615
3429	Hardware, n.e.c.....	113	165	3621	Motors and generators.....	3,985	4,206
36	Electrical machinery.....	2,176	2,249	3622	Industrial controls.....	81	103
3621	Motors and generators.....	392	361	3635	Household vacuum cleaners.....	1,266	479
3679	Electronic components, n.e.c.....	197	304	3642	Lighting fixtures.....	594	432
38	Instruments and related products.....	888	1,381	3662	Radio, TV communications equipment..	190	206
3821	Mechanical measuring devices.....	741	1,253	38	Instruments and related products.....	726	577
	MIDDLE ATLANTIC, TOTAL.....	105,322	73,025		Indiana.....	93,564	55,487
	New York.....	73,747	46,353	34	Fabricated metal products.....	705	550
34	Fabricated metal products.....	1,007	573	3494	Valves and pipe fittings.....	97	94
3433	Heating equipment, except electric..	181	104				
3442	Metal doors, sash, and trim.....	261	105	36	Electrical machinery.....	10,252	4,726
3461	Metal stampings.....	192	70	38	Instruments and related products.....	328	341
36	Electrical machinery.....	18,874	10,858		Illinois.....	46,302	34,144
3642	Lighting fixtures.....	869	788	34	Fabricated metal products.....	3,288	1,571
3643	Current carrying devices.....	725	604	3423	Hand and edge tools.....	287	196
3651	Radio and TV receiving sets.....	226	144	3451	Screw machine products.....	110	100
3662	Radio, TV communications equipment..	4,332	3,369	3494	Valves and pipe fittings.....	694	512
3679	Electronic components, n.e.c.....	47	116	36	Electrical machinery.....	12,021	8,148
38	Instruments and related products.....	5,764	6,469	3613	Switchgear and switchboards.....	870	721
3821	Mechanical measuring devices.....	447	652	3622	Industrial controls.....	652	258
	New Jersey.....	11,228	9,690	3642	Lighting fixtures.....	1,740	1,269
34	Fabricated metal products.....	2,624	2,007	3643	Current carrying devices.....	849	705
3494	Valves and pipe fittings.....	226	217	3661	Telephone; telegraph apparatus.....	795	727
3499	Fabricated metal products, n.e.c....	246	73	38	Instruments and related products.....	3,251	2,010
36	Electrical machinery.....	3,725	4,564	3821	Mechanical measuring devices.....	348	284
3611	Electric measuring instruments.....	123	79	3861	Photographic equipment.....	869	540
3613	Switchgear and switchboards.....	283	157		Michigan.....	208,836	112,485
3621	Motors and generators.....	581	934	34	Fabricated metal products.....	1,427	1,160
3642	Lighting fixtures.....	537	447	3429	Hardware, n.e.c.....	577	235
3662	Radio, TV communications equipment..	892	1,353	3499	Fabricated metal products, n.e.c....	119	170
38	Instruments and related products.....	337	269	36	Electrical machinery.....	3,519	2,561
	Pennsylvania.....	20,347	16,982	3662	Radio, TV communications equipment..	257	175
34	Fabricated metal products.....	1,769	1,256	38	Instruments and related products.....	3,052	2,031
3494	Valves and pipe fittings.....	305	320		Wisconsin.....	61,081	29,989
				34	Fabricated metal products.....	1,920	1,654
				36	Electrical machinery.....	8,945	5,042
				3621	Motors and generators.....	210	174
				3622	Industrial controls.....	567	555
				38	Instruments and related products.....	652	528

See footnotes at end of table.

TABLE 18. Consumption of Aluminum and Aluminum-Base Alloy Castings by Metal Fabricating Establishments, Selected Industry Groups, and Industries Within States: 1963--Continued

Code	Division, State, industry group, and industry ¹	Aluminum and aluminum-base alloy castings ² (336100)		Code	Division, State, industry group, and industry ¹	Aluminum and aluminum-base alloy castings ² (336100)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)			Quantity (1,000 pounds)	Delivered cost (\$1,000)
	WEST NORTH CENTRAL, TOTAL.....	29,012	23,657		WEST SOUTH CENTRAL, TOTAL.....	11,342	7,135
	Minnesota.....	7,127	5,056		Arkansas.....	2,453	1,082
34	Fabricated metal products.....	340	381	34	Fabricated metal products.....	1,612	629
36	Electrical machinery.....	1,750	1,214	36	Electrical machinery.....	708	217
	Iowa.....	5,144	3,993	3621	Motors and generators.....	708	217
36	Electrical machinery.....	2,208	2,004		Louisiana.....	267	223
	Missouri.....	11,226	9,385		Oklahoma.....	3,581	1,883
34	Fabricated metal products.....	440	477	34	Texas.....	5,041	3,947
36	Electrical machinery.....	5,710	4,074	3494	Fabricated metal products.....	944	874
3621	Motors and generators.....	677	382		Valves and pipe fittings.....	159	232
3642	Lighting fixtures.....	112	118		MOUNTAIN, TOTAL.....	5,702	6,365
	North Dakota.....	-	-		Montana.....	(D)	(D)
	South Dakota.....	(D)	(D)		Idaho.....	(D)	(D)
	Nebraska.....	(D)	(D)		Wyoming.....	-	-
	Kansas.....	2,533	2,854		Colorado.....	1,910	2,795
	SOUTH ATLANTIC, TOTAL.....	30,262	23,750		New Mexico.....	(D)	(D)
	Delaware.....	(D)	(D)		Arizona.....	1,914	1,715
	Maryland.....	8,812	6,842		Utah.....	1,026	1,268
36	Electrical machinery.....	670	392		Nevada.....	(D)	(D)
	District of Columbia.....	(D)	(D)		PACIFIC, TOTAL.....	45,285	36,745
	Virginia.....	1,685	689		Washington.....	3,703	2,274
36	Electrical machinery.....	817	330	34	Fabricated metal products.....	2,197	725
	West Virginia.....	6,787	3,064		Oregon.....	2,784	1,945
	North Carolina.....	3,010	4,134		California.....	38,798	32,526
36	Electrical machinery.....	1,293	1,667	34	Fabricated metal products.....	4,710	3,582
	South Carolina.....	4,793	3,816	3423	Hand and edge tools.....	236	111
	Georgia.....	2,724	2,659	3429	Hardware, n.e.c.....	1,285	1,133
	Florida.....	2,294	2,410	3444	Sheet metalwork.....	49	71
	EAST SOUTH CENTRAL, TOTAL.....	9,014	7,058	3461	Metal stampings.....	35	41
	Kentucky.....	2,509	2,173	3494	Valves and pipe fittings.....	2,321	1,470
36	Electrical machinery.....	1,055	875	3499	Fabricated metal products, n.e.c.....	181	141
	Tennessee.....	3,102	2,417	36	Electrical machinery.....	8,163	8,285
34	Fabricated metal products.....	548	437	3611	Electric measuring instruments.....	279	330
36	Electrical machinery.....	965	824	3613	Switchgear and switchboards.....	153	147
	Alabama.....	805	836	3621	Motors and generators.....	2,039	1,592
	Mississippi.....	2,598	1,632	3642	Lighting fixtures.....	973	666
				3644	Noncurrent carrying devices.....	674	584
				3662	Radio, TV communications equipment..	1,611	2,577
				3673	Electron tubes, transmitting.....	119	97
				3679	Electronic components, n.e.c.....	704	1,221
				38	Instruments and related products.....	6,599	4,175
				3811	Scientific instruments.....	501	525
				3821	Mechanical measuring devices.....	174	263
				3822	Automatic temperature controls.....	4,545	2,229

(D) Withheld to avoid disclosing the operations of individual companies.

¹Data are published for selected industries in the following major groups:

19 Ordnance and accessories	36 Electrical machinery
34 Fabricated metal products	37 Transportation equipment
35 Machinery, except electrical	38 Instruments and related products

No data are available for industries in other major groups. Within each State an entry is shown for each major group listed above for which consumption data met publication standards. In addition, consumption of aluminum castings reported in selected major groups within States was not publishable either (a) because the total cost amounted to less than \$250 thousand or (b) because the totals could not be shown without approximately disclosing the operations of individual companies. The major groups within States with such nonpublishable consumption totals are as follows:

State	Major groups	State	Major groups	State	Major groups
Maine	35, 36, and 37	Wisconsin	35 and 37	Tennessee	35 and 37
New Hampshire	34, 35, 36, and 38	Minnesota	19, 35, 37, and 38	Alabama	34, 35, 36, and 37
Vermont	35, 37, and 38	Iowa	34, 35, 37, and 38	Mississippi	34, 35, 36, and 37
Massachusetts	19, 35, and 37	Missouri	35, 37, and 38	Arkansas	35, 37, and 38
Rhode Island	34, 35, 36, 37, and 38	Kansas	34, 35, 36, 37, and 38	Louisiana	35, 36, and 37
Connecticut	19, 35, and 37	Maryland	19, 34, 35, 37, and 38	Oklahoma	34, 35, 36, 37, and 38
New York	19, 35, and 37	Virginia	34, 35, 37, and 38	Texas	35, 36, 37, and 38
New Jersey	19, 35, and 37	West Virginia	34, 35, 36, and 37	Colorado	34, 35, 36, 37, and 38
Pennsylvania	19, 35, and 37	North Carolina	19, 34, 35, and 37	Arizona	19, 35, 36, and 37
Ohio	19, 35, and 37	South Carolina	34, 35, 36, 37, and 38	Utah	34, 35, 36, and 37
Indiana	19, 35, and 37	Georgia	34, 35, 36, 37, and 38	Washington	19, 35, 36, and 37
Illinois	19, 35, 37, and 39	Florida	19, 34, 35, 36, 37, and 38	Oregon	34, 35, 36, 37, and 38
Michigan	19, 35, and 37	Kentucky	34, 35, and 37	California	19, 35, 37, and 39

²The data shown in this table represent purchases by metal fabricating plants from other establishments, including interplant transfers between establishments operated by the same company. Statistics on the quantities of aluminum and aluminum-base alloy castings produced and consumed in the same plant are excluded.

TABLE 19. Consumption of Aluminum Castings by Metal Fabricating Establishments and Number of Establishments Consuming Aluminum Castings by States and State Economic Areas: 1963

Division State, and State economic area ¹	Consumption of aluminum and aluminum-base alloy castings ² (336100)		Number of establishments consuming aluminum castings		
	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Total	Consuming in excess of—	
				\$50,000	\$250,000
UNITED STATES, TOTAL.....	822,561	543,537	3,563	972	302
NEW ENGLAND, TOTAL.....	25,900	29,915	335	98	26
Maine.....	63	60	4	-	-
A (Includes Portland) ³	63	60	2	-	-
4.....			2	-	-
New Hampshire.....	287	376	14	3	-
A (Includes Manchester) ³	109	198	7	2	-
1.....	178	178	1	-	-
2.....			6	1	-
Vermont.....	420	462	7	3	-
1.....	420	462	2	2	-
2.....			5	1	-
Massachusetts.....	10,931	11,321	154	43	12
A (Includes Chicopees, Holyoke and Springfield) ³	1,472	1,839	23	5	2
1 (Includes Pittsfield) ³			3	1	-
B (Includes Fitchburg, Leominster and Worcester) ³	1,402	1,541	23	6	2
C (Includes Boston, Haverhill, Lawrence and Lowell) ³	7,792	7,709	92	30	8
D (Includes Brockton) ³	153	137	5	1	-
E (Includes Fall River and New Bedford) ³	112	95	8	-	-
Rhode Island.....	321	466	20	2	-
A (Includes Providence, Pawtucket and Warwick) ³	321	466	20	2	-
Connecticut.....	13,878	17,230	136	47	14
A (Includes Bridgeport, Norwalk and Stamford) ³	5,887	9,707	48	19	5
B (Includes Meriden, New Haven and Waterbury) ³	1,587	1,114	26	7	-
C (Includes Hartford and New Britain) ³	4,881	5,284	41	14	8
1.....	882	711	7	4	1
2 (Includes Groton, New London and Norwich) ³	641	414	14	3	-
MIDDLE ATLANTIC, TOTAL.....	105,322	73,025	740	180	45
New York.....	73,747	46,353	351	94	21
A (Buffalo SMSA).....	31,680	16,903	37	11	2
2.....			3	2	-
B (Rochester SMSA).....	16,703	11,695	30	15	8
C (Syracuse SMSA).....	6,399	3,444	22	7	3
D (Utica-Rome SMSA).....	1,339	1,199	5	4	1
7.....			2	1	-
E (Binghamton SMSA-New York portion) (See Pennsylvania).....	875	1,005	6	1	1
4.....			5	2	-
6.....	118	168	3	1	-
F (Albany-Schenectady-Troy SMSA).....			7	2	-
G (New York City SMSA).....	14,168	10,069	210	41	3
1G Bronx.....	176	223	13	1	-
2G Kings.....	2,980	1,802	47	8	1
6G Richmond.....			2	-	-
4G New York.....	391	392	18	1	-
5G Queens.....	1,528	1,420	52	11	-
3G Nassau.....	2,881	1,855	38	10	-
7G Rockland.....	3,377	2,560	2	1	-
9G Westchester.....			18	3	1
8G Suffolk.....	2,835	1,817	20	6	1
3.....	941	792	12	3	1
9.....	1,524	1,078	9	4	2
New Jersey.....	11,228	9,690	178	35	9
A (Allentown-Bethlehem-Easton SMSA-New Jersey portion) (See Pennsylvania).....	2,068	1,209	1	-	-
1.....			17	3	1
B (Newark SMSA).....	5,574	5,147	71	21	5

See footnotes at end of table.

TABLE 19. Consumption of Aluminum Castings by Metal Fabricating Establishments and Number of Establishments Consuming Aluminum Castings by States and State Economic Areas: 1963--Continued

Division State, and State economic area ¹	Consumption of aluminum and aluminum-base alloy castings ² (336100)		Number of establishments consuming aluminum castings				
	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Total	Consuming in excess of--			
				\$50,000	\$250,000		
MIDDLE ATLANTIC--Continued							
New Jersey--Continued							
C (Trenton SMSA).....	339	139	4	-	-		
E (Atlantic City SMSA).....			3	-	-		
2.....			1	1	-		
D (Philadelphia SMSA-New Jersey portion)(See Pennsylvania)			16	3	-		
G (Paterson-Clifton-Passaic SMSA).....			51	5	1		
H (Jersey City SMSA).....	1,385	981	14	2	2		
Pennsylvania.....	20,347	16,982	211	51	15		
A (Erie SMSA).....	2,225	2,577	11	5	3		
C (Scranton SMSA).....	767	742	7	3	2		
D (Pittsburgh SMSA).....	3,393	2,142	25	10	3		
E (Johnstown SMSA).....	7,555	5,883	1	-	-		
O (Binghamton SMSA-Pennsylvania portion) (See New York)...			1	-	-		
1.....			10	4	1		
2.....			1	-	-		
3.....			6	1	1		
4.....			3	2	1		
6.....			2	-	-		
7.....			3	1	-		
G (Wilkes-Barre-Hazleton SMSA).....			38	31	4	-	-
H (Harrisburg SMSA).....			52	61	3	-	-
J (York SMSA).....	343	316	13	3	-		
K (Lancaster SMSA).....	612	489	11	4	-		
L (Reading SMSA).....	660	514	14	3	-		
M (Allentown-Bethlehem-Easton SMSA-Pennsylvania portion) (See New Jersey).....	908	748	10	1	1		
N (Philadelphia SMSA-Pennsylvania portion)(See New Jersey)	3,794	3,479	86	14	3		
EAST NORTH CENTRAL, TOTAL.....							
	560,722	335,887	1,230	393	138		
Ohio.....							
	150,939	103,782	357	111	37		
A (Toledo SMSA).....	7,206	4,879	24	9	6		
B (Columbus SMSA).....	392	478	17	2	-		
C (Dayton SMSA).....	8,766	6,184	37	14	6		
D (Hamilton-Middletown SMSA).....	52,960	36,262	5	-	-		
K (Cincinnati SMSA-Ohio portion) (See Indiana & Kentucky)			40	14	6		
2.....			15	6	-		
3.....			13	2	-		
7.....			1	-	-		
E (Cleveland SMSA).....	60,463	29,596	110	32	7		
F (Akron SMSA).....	1,122	866	23	5	1		
G (Canton SMSA).....	311	362	3	2	-		
5.....	61	73	5	-	-		
H (Youngstown-Warren SMSA).....	2,054	1,794	9	4	3		
M (Lorain-Elyria SMSA).....	276	298	10	1	-		
N (Springfield SMSA).....	12,843	20,025	5	3	2		
R (Lima SMSA).....	3,425	2,229	8	5	2		
1.....	1,060	736	17	9	3		
4.....			9	3	1		
6.....							
Indiana.....							
	93,564	55,487	132	49	15		
A (Gary-Hammond-East Chicago SMSA).....	266	189	4	1	-		
2.....			1	-	-		
B (South Bend SMSA).....			10	3	1		
C (Fort Wayne SMSA).....			15	4	1		
D (Indianapolis SMSA).....			25	15	5		
E (Evansville SMSA-Indiana portion).....	19,233	16,056	4	1	-		
G (Anderson SMSA).....	58,189	28,414	6	2	1		
K (Cincinnati SMSA-Indiana portion) (See Ohio & Kentucky)			2	1	-		
4.....			15	5	3		
7.....			1	-	-		
8.....			1	-	-		
9.....	10,553	5,836	14	3	1		
H (Muncie SMSA).....			7	5	3		
1.....			13	5	-		
3.....			11	2	-		
5.....			3	2	-		
	121	165					

See footnotes at end of table.

TABLE 19. Consumption of Aluminum Castings by Metal Fabricating Establishments and Number of Establishments Consuming Aluminum Castings by States and State Economic Areas: 1963--Continued

Division State, and State economic area ¹	Consumption of aluminum and aluminum-base alloy castings ² (336100)		Number of establishments consuming aluminum castings				
	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Total	Consuming in excess of--			
				\$50,000	\$250,000		
EAST NORTH CENTRAL--Continued							
Illinois.....	46,302	34,144	333	97	33		
A (Davenport-Rock Island-Moline SMSA-Illinois portion) (See Iowa).....	387	222	12	1	4		
B (Rockford SMSA).....	2,500	2,914	27	8	2		
C (Chicago SMSA, total).....	24,896	19,776	241	72	21		
1C Cook County.....	21,220	17,792	206	63	18		
2C Balance of SMSA.....	3,676	1,984	35	9	3		
D (Peoria SMSA).....	15,249	9,545	8	2	2		
E (Springfield SMSA).....			2	-	-		
F (St. Louis SMSA-Illinois portion) (See Missouri).....			4	-	-		
G (Decatur SMSA).....			3	2	2		
1.....			4	1	1		
3.....			2	-	-		
4.....			5	1	-		
10.....			3	1	1		
5.....			1,903	905	8	6	1
6.....			1,367	782	14	3	1
Michigan.....	208,836	112,485	259	88	34		
A (Saginaw SMSA).....	160,380	79,493	10	3	2		
D (Flint SMSA).....			5	4	4		
E (Lansing SMSA).....			6	3	1		
H (Jackson SMSA).....			6	4	1		
J (Ann Arbor SMSA).....			13	8	4		
K (Bay City SMSA).....			1	1	-		
L (Toledo SMSA-Michigan portion) (See Ohio).....			1	-	-		
2.....			2	1	1		
4.....			7	1	-		
5.....			2	-	-		
6.....			18	5	1		
7.....			7	2	1		
8.....			4	2	-		
9.....			21	4	1		
B (Grand Rapids SMSA).....			15	8	2		
C (Muskegon-Muskegon Heights SMSA).....			14	6	5		
F (Detroit SMSA, total).....			37,418	22,883	115	35	11
1F Wayne County.....			35,079	20,625	67	26	11
2F Balance of SMSA.....			2,339	2,258	48	9	-
G (Kalamazoo SMSA).....	257	294	12	1	-		
Wisconsin.....	61,081	29,989	149	48	19		
B (Madison SMSA).....	116	123	5	1	-		
C (Milwaukee SMSA).....	12,948	7,543	63	24	8		
D (Racine SMSA).....	1,960	1,265	18	6	2		
F (Kenosha SMSA).....	28,667	10,886	3	1	1		
G (Green Bay SMSA).....			2	-	-		
1.....			4	-	-		
2.....			1	1	1		
4.....			2	1	-		
5.....			1	-	-		
6.....			4	1	1		
8.....			14	3	2		
7.....			17,390	10,172	32	10	4
WEST NORTH CENTRAL, TOTAL.....	29,012	23,657	259	70	23		
Minnesota.....	7,127	5,056	92	25	4		
A (Duluth-Superior SMSA-Minnesota portion).....	111	107	1	-	-		
C (Fargo-Moorhead SMSA-Minnesota portion).....			1	1	-		
1.....			1	-	-		
3.....			1	-	-		
4.....			1	-	-		
B (Minneapolis-St. Paul SMSA).....			5,785	4,452	73	21	11
6.....			464	255	9	1	-
7.....			767	242	3	2	-
8.....					2	-	-

See footnotes at end of table.

TABLE 19. Consumption of Aluminum Castings by Metal Fabricating Establishments and Number of Establishments Consuming Aluminum Castings by States and State Economic Areas: 1963--Continued

Division State, and State economic area ¹	Consumption of aluminum and aluminum-base alloy castings ² (336100)		Number of establishments consuming aluminum castings		
	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Total	Consuming in excess of--	
				\$50,000	\$250,000
WEST NORTH CENTRAL--Continued					
Iowa.....	5,144	3,993	44	15	4
A (Sioux City SMSA-Iowa portion).....	1,539	741	1	1	-
2.....			4	1	1
3.....			1	-	-
4.....			3	1	-
C (Des Moines SMSA).....	661	510	5	3	-
D (Davenport-Rock Island-Moline SMSA-Iowa portion) (See Illinois).....	379	350	3	-	-
G (Dubuque SMSA).....			2	1	-
6.....			4	1	-
E (Waterloo SMSA).....			6	1	1
F (Cedar Rapids SMSA).....	812	678	7	3	1
5.....	1,075	1,332	8	3	1
Missouri.....	11,226	9,385	79	20	10
A (Kansas City SMSA-Missouri portion) (See Kansas).....	2,331	2,487	21	4	3
B (St. Louis SMSA-Missouri portion) (See Illinois).....	7,406	5,972	44	11	6
C (Springfield SMSA).....	1,046	691	3	2	1
3.....			1	-	-
4.....			3	2	-
D (St. Joseph SMSA).....			1	-	-
1.....	443	235	1	-	-
2.....			1	-	-
6.....			2	1	-
8.....			1	-	-
9.....			1	-	-
North Dakota.....	-	-	-	-	-
South Dakota.....	(D)	(D)	1	-	-
Nebraska.....	(D)	(D)	12	2	2
Kansas.....	2,533	2,854	31	8	3
A (Wichita SMSA).....	991	1,787	15	4	2
B (Kansas City SMSA-Kansas portion) (See Missouri).....	1,121	823	4	-	-
C (Topeka SMSA).....			1	-	-
1.....			1	-	-
3.....			4	2	1
8.....	421	244	6	2	-
SOUTH ATLANTIC, TOTAL.....					
	30,262	23,750	159	45	21
Delaware.....	(D)	(D)	1	1	-
Maryland.....	8,812	6,842	22	11	4
A (Baltimore SMSA).....	8,812	6,842	17	7	2
B (Washington, D.C. SMSA-Maryland portion) (See District of Columbia and Virginia).....			2	1	-
2.....			2	2	2
4.....			1	1	-
District of Columbia.....	(D)	(D)	4	-	-
Virginia.....	1,685	689	21	4	-
A (Roanoke SMSA).....	1,542	566	1	-	-
B (Washington, D.C. SMSA-Virginia portion) (See District of Columbia and Maryland).....			3	2	-
2.....			2	2	-
3.....			1	-	-
4.....	143	123	2	-	-
5.....			2	-	-
C (Richmond SMSA).....			2	-	-
D (Norfolk-Portsmouth SMSA).....			1	-	-
E (Newport News-Hampton SMSA).....	143	123	2	-	-
F (Lynchburg SMSA).....			2	-	-
7.....			2	-	-
10.....			1	-	-

See footnotes at end of table.

TABLE 19. Consumption of Aluminum Castings by Metal Fabricating Establishments and Number of Establishments Consuming Aluminum Castings by States and State Economic Areas: 1963--Continued

Division State, and State economic area ¹	Consumption of aluminum and aluminum-base alloy castings ² (336100)		Number of establishments consuming aluminum castings		
	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Total	Consuming in excess of-	
				\$50,000	\$250,000
SOUTH ATLANTIC--Continued					
West Virginia.....	6,787	3,064	8	3	1
A (Wheeling SMSA--West Virginia portion).....	6,787	3,064	1	-	-
B (Huntington-Ashland SMSA--West Virginia portion) (See Kentucky).....			2	2	1
C (Charleston SMSA).....			1	1	-
3.....			1	-	-
4.....			3	-	-
North Carolina.....	3,010	4,134	28	11	6
A (Asheville SMSA).....	1,592	2,684	3	-	-
B (Winston-Salem SMSA).....			1	1	1
C (Greensboro-High Point).....			2	1	-
1.....			3	1	1
3.....			1	1	-
5.....			5	1	1
9.....			2	1	-
D (Charlotte SMSA).....	1,136	1,294	7	4	3
E (Raleigh SMSA).....	282	156	2	1	-
F (Durham SMSA).....			2	-	-
South Carolina.....	4,793	3,816	13	5	3
A (Columbia SMSA).....	1,533	416	1	1	-
1.....			1	-	-
2.....			4	1	-
7.....			1	-	-
D (Greenville SMSA).....	3,260	3,400	6	3	3
Georgia.....	2,724	2,659	28	6	4
B (Atlanta SMSA).....	621	965	14	1	1
D (Augusta SMSA-Georgia portion).....			1	-	-
4.....			2	1	-
C (Columbus SMSA-Georgia portion).....			1	-	-
E (Savannah SMSA).....			2	-	-
F (Macon SMSA).....	1,899	1,565	2	2	2
7.....			2	1	-
8.....			1	1	1
3.....			3	-	-
204	129				
Florida.....	2,294	2,410	34	4	3
B (Tampa-St. Petersburg SMSA).....	48	72	6	-	-
C (Miami SMSA).....	111	96	8	-	-
E (Orlando SMSA).....	2,135	2,242	8	2	2
F (West Palm Beach SMSA).....			3	1	1
G (Ft. Lauderdale-Hollywood SMSA).....			4	1	-
2.....			1	-	-
4.....			1	-	-
5.....			2	-	-
6.....			1	-	-
EAST SOUTH CENTRAL, TOTAL.....	9,014	7,058	81	26	7
Kentucky.....	2,509	2,173	27	8	2
A (Louisville SMSA-Kentucky portion).....	1,327	1,328	18	5	1
B (Cincinnati SMSA-Kentucky portion) (See Ohio & Indiana)	1,182	845	2	-	-
C (Huntington-Ashland SMSA-Kentucky portion) (See West Virginia).....			1	-	-
E (Lexington SMSA).....			2	2	-
4.....			3	1	1
6.....			1	-	-

See footnotes at end of table.

TABLE 19. Consumption of Aluminum Castings by Metal Fabricating Establishments and Number of Establishments Consuming Aluminum Castings by States and State Economic Areas: 1963--Continued

Division State, and State economic area ¹	Consumption of aluminum and aluminum-base alloy castings ² (336100)		Number of establishments consuming aluminum castings		
	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Total	Consuming in excess of--	
				\$50,000	\$250,000
EAST SOUTH CENTRAL--Continued					
Tennessee.....	3,102	2,417	31	9	2
A (Memphis SMSA).....	369	298	6	1	-
B (Nashville SMSA).....	58	55	6	-	-
C (Chattanooga SMSA-Tennessee portion).....	811	624	4	4	-
D (Knoxville SMSA).....	942	809	1	-	-
8.....	}	}	7	3	1
1.....			2	-	-
2.....			1	1	1
4.....			1	-	-
5.....			1	-	-
6.....			2	-	-
Alabama.....			805	836	8
A (Birmingham SMSA).....	}	}	4	-	-
1.....			2	1	1
4.....			1	1	-
9.....			1	-	-
Mississippi.....	2,598	1,632	15	7	2
A (Jackson SMSA).....	}	}	3	1	-
6.....			3	1	-
1.....			2	-	-
2.....			2	2	1
3.....			1	-	-
4.....	}	}	2	1	-
5.....			2	2	1
WEST SOUTH CENTRAL, TOTAL.....					
	11,342	7,135	176	30	7
Arkansas.....	2,453	1,082	16	6	1
A (Little Rock-North Little Rock SMSA).....	}	}	3	-	-
B (Fort Smith SMSA-Arkansas portion).....			2	1	-
1.....			1	-	-
2.....			1	1	-
3.....			2	1	1
4.....			1	1	-
6.....			1	-	-
7.....			4	1	-
8.....	}	}	1	1	-
Louisiana.....			267	223	12
A (Shreveport SMSA).....	}	}	4	2	-
B (New Orleans SMSA).....			5	-	-
E (Lake Charles SMSA).....			1	-	-
5.....			1	-	-
6.....			1	1	-
Oklahoma.....			3,581	1,883	37
A (Tulsa SMSA).....	}	}	24	5	1
B (Oklahoma City SMSA).....			6	1	-
2.....			2	-	-
3.....			1	-	-
4.....			1	-	-
6.....			1	-	-
7.....			1	1	-
8.....			1	-	-
Texas.....	5,041	3,947	111	14	5
B (Fort Worth SMSA).....	}	}	10	2	1
C (Dallas SMSA).....			34	6	2
D (Waco SMSA).....			2	-	-
E (Austin SMSA).....			2	-	-
P (San Angelo SMSA).....			1	-	-
2.....			1	-	-
7.....			1	-	-
8.....			3	1	-

See footnotes at end of table.

TABLE 19. Consumption of Aluminum Castings by Metal Fabricating Establishments and Number of Establishments Consuming Aluminum Castings by States and State Economic Areas: 1963--Continued

Division State, and State economic area ¹	Consumption of aluminum and aluminum-base alloy castings ² (336100)		Number of establishments consuming aluminum castings		
	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Total	Consuming in excess of--	
				\$50,000	\$250,000
WEST SOUTH CENTRAL--Continued					
Texas--Continued					
F (San Antonio SMSA).....	67	58	5	-	-
G (Houston SMSA).....	2,618	1,459	30	4	2
J (Amarillo SMSA).....	302	162	3	-	-
K (Wichita Falls SMSA).....			1	-	-
L (Lubbock SMSA).....			2	-	-
U.....			1	-	-
4.....			3	-	-
5.....			1	1	-
6.....			1	-	-
N (Corpus Christi SMSA).....			2	-	-
W (Tyler SMSA).....	292	189	1	-	-
12.....			3	-	-
13.....			2	-	-
14.....			1	-	-
MOUNTAIN, TOTAL.....	5,702	6,365	50	12	5
Montana.....	(D)	(D)	1	-	-
Idaho.....	(D)	(D)	1	-	-
Wyoming.....	(D)	(D)	1	-	-
Colorado.....	1,910	2,795	23	6	1
A (Denver SMSA).....	1,910	2,795	14	4	-
B (Pueblo SMSA).....			1	1	1
C (Colorado Springs SMSA).....			4	1	-
3.....			4	-	-
New Mexico.....	(D)	(D)	3	1	1
Arizona.....	1,914	1,715	12	3	2
A (Phoenix SMSA).....	1,914	1,715	10	3	2
B (Tucson SMSA).....			2	-	-
Utah.....	1,026	1,268	8	2	1
A (Salt Lake City SMSA).....	1,026	1,268	6	-	-
B (Ogden SMSA).....			2	2	1
Nevada.....	(D)	(D)	1	-	-
PACIFIC, TOTAL.....	45,285	36,745	533	118	30
Washington.....	3,703	2,274	31	8	3
A (Seattle SMSA).....	3,542	2,124	22	8	3
B (Tacoma SMSA).....	44	60	4	-	-
5.....			1	-	-
6.....			1	-	-
D (Spokane SMSA).....			3	-	-
Oregon.....	2,784	1,945	24	5	2
A (Portland SMSA--Oregon portion).....	2,708	1,865	18	5	2
B (Eugene SMSA).....	76	80	1	-	-
2.....			4	-	-
3.....			1	-	-
California.....			38,798	32,526	478
A (San Francisco--Oakland--SMSA).....	2,821	1,905	58	7	1
B (San Jose SMSA).....	3,527	2,877	30	3	1

See footnotes at end of table.

TABLE 19. Consumption of Aluminum Castings by Metal Fabricating Establishments and Number of Establishments Consuming Aluminum Castings by States and State Economic Areas: 1963--Continued

Division State, and State economic area ¹	Consumption of aluminum and aluminum-base alloy castings ² (336100)		Number of establishments consuming aluminum castings		
	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Total	Consuming in excess of--	
				\$50,000	\$250,000
PACIFIC--Continued					
California--Continued					
C (Sacramento SMSA).....	1,606	1,140	1	-	-
D (Stockton SMSA).....			2	-	-
J (Bakersfield SMSA).....			2	-	-
K (Santa Barbara SMSA).....			1	-	-
1.....			1	-	-
2.....			2	1	-
3.....			1	1	1
5.....			1	-	-
6.....			1	1	-
9.....			1	-	-
E (Fresno SMSA).....	56	64	5	-	-
F (Anaheim-Santa Ana-Garden Grove SMSA).....	2,324	1,895	30	7	3
G (San Diego SMSA).....	3,485	2,159	11	3	1
H (San Bernardino-Riverside-Ontario SMSA).....	995	551	9	3	-
L (Los Angeles-Long Beach SMSA).....	23,817	21,638	318	76	18
7.....	167	297	4	3	-
Alaska.....	-	-	-	-	-
Hawaii.....	-	-	-	-	-

(D) Withheld to avoid disclosing operations of individual companies. - Represents zero.

¹A description of the State economic areas and a list of the counties included in each area are given in the appendix to this report. Standard Metropolitan Statistical Areas (SMSA) are identified by capital letters and the SMSA title is shown in parentheses. Nonmetropolitan areas are identified by figures. Also, see footnote 3.

²The data shown in this table represent purchases by metal fabricating plants from other establishments including interplant transfers between establishments operated by the same company. Statistics on the quantities of aluminum and aluminum-base alloy castings produced and consumed in the same plant are excluded.

³In New England, Standard Metropolitan Statistical Areas (SMSA) are defined on a city or town rather than a county basis. Therefore, the geographic units identified by capital letters do not represent SMSA's but represent areas which contain one or more of the central cities of SMSA's. The central cities are shown in parentheses.

Appendix

This appendix provides a list of the counties included in each State economic area in the United States. State economic areas are relatively homogeneous subdivisions within States and consist of single counties or groups of counties which have similar economic and social characteristics. Within a State, standard metropolitan statistical areas (SMSA) are identified by letters and non-metropolitan areas by numbers.

Some standard metropolitan statistical areas include portions of two or three States. Totals for such SMSA's, except for New England, can be derived from these statistics inasmuch as the portion in each State was treated as a separate State economic area. For example, while no data are shown for the Philadelphia SMSA (Bucks, Chester, Delaware, Montgomery, and Philadelphia

counties in Pennsylvania, and Burlington, Camden, and Gloucester counties in New Jersey), they can be derived by combining data for metropoliatn area "N" in Pennsylvania and metropolitan area "D" in New Jersey. However, in New England, standard metropolitan statistical areas are drawn on town lines, whereas State economic areas, as elsewhere, are drawn on county lines. For this reason, data cannot be accumulated from this report for standard metropolitan statistical areas in New England.

In this report the States are listed in geographic rather than alphabetic sequence. For example, the tables start with New England (Maine, New Hampshire, Vermont, etc.) and end with Pacific (Washington, Oregon, California, etc). As an aid, the States have been listed below in alphabetic sequence with the page number on which each State appears.

State	Page	State	Page	State	Page
Alabama.....	215	Kentucky.....	214	North Dakota.....	211
Alaska.....	219	Louisiana.....	216	Ohio.....	208
Arizona.....	218	Maine.....	208	Oklahoma.....	216
Arkansas.....	216	Maryland.....	212	Oregon.....	219
California.....	219	Massachusetts.....	208	Pennsylvania.....	208
Colorado.....	218	Michigan.....	210	Rhode Island.....	208
Connecticut.....	208	Minnesota.....	210	South Carolina.....	213
Delaware.....	212	Mississippi.....	215	South Dakota.....	211
District of Columbia.....	212	Missouri.....	211	Tennessee.....	215
Florida.....	214	Montana.....	217	Texas.....	216
Georgia.....	214	Nebraska.....	212	Utah.....	218
Hawaii.....	219	Nevada.....	218	Vermont.....	208
Idaho.....	218	New Hampshire.....	208	Virginia.....	212
Illinois.....	209	New Jersey.....	208	Washington.....	218
Indiana.....	209	New Mexico.....	218	West Virginia.....	213
Iowa.....	210	New York.....	208	Wisconsin.....	210
Kansas.....	212	North Carolina.....	213	Wyoming.....	218

List of Counties in Each State Economic Area (Geographic Order)

<u>NEW ENGLAND</u>	NEW ENGLAND--Con.	MIDDLE ATLANTIC--Con.	MIDDLE ATLANTIC--Con.	MIDDLE ATLANTIC--Con.
<u>MAINE:</u>	MASSACHUSETTS--Con.	NEW YORK--Con.	NEW JERSEY--Con.	PENNSYLVANIA--Con.
SMSA A:	SMSA D:	SMSA G:	SMSA D:	SMSA O:
Cumberland	Plymouth	1G Bronx	Burlington	Susquehanna
Area 1	SMSA E:	2G Kings	Camden	Area 1:
Aroostook	Bristol	3G Nassau	Gloucester	Armstrong
Area 2:	Area 1:	4G New York	SMSA E:	Butler
Franklin	Berkshire	5G Queens	Atlantic	Crawford
Oxford	Franklin	6G Richmond	SMSA F:	Lawrence
Penobscot	Area 2:	7G Rockland	Salem	McKean
Piscataquis	Barnstable	8G Suffolk	SMSA G:	Mercer
Somerset	Dukes	9G Westchester	Bergen	Venango
Area 3:	Nantucket	Area 2	Passaic	Warren
Hancock	<u>RHODE ISLAND:</u>	Genesee	SMSA H:	Area 2:
Knox	SMSA A:	Livingston	Hudson	Bradford
Lincoln	Bristol	Ontario	Area 1:	Potter
Waldo	Kent	Seneca	Hunterdon	Tioga
Washington	Providence	Wyoming	Middlesex	Wayne
Area 4:	Area 1:	Yates	Monmouth	Wyoming
Androscoggin	Newport	Area 3	Somerset	Area 3:
Kennebec	Washington	Allegany	Sussex	Cameron
Sagadahoc	<u>CONNECTICUT:</u>	Cattaraugus	Area 2:	Clinton
York	SMSA A:	Chautauqua	Cape May	Elk
<u>NEW HAMPSHIRE:</u>	Fairfield	Chemung	Cumberland	Forest
SMSA A:	SMSA B:	Schuyler	Ocean	Lycoming
Hillsborough	New Haven	Steuben	<u>PENNSYLVANIA:</u>	Sullivan
Area 1:	SMSA C:	Tompkins	SMSA A:	Area 4:
Belknap	Hartford	Area 4:	Erie	Clarion
Carroll	Litchfield	Cayuga	Area 5:	Clearfield
Coos	Area 2:	Cortland	Fulton	Fayette
Grafton	Middlesex	Area 6:	Hamilton	Greene
Sullivan	New London	Chenango	Montgomery	Indiana
Area 2:	Tolland	Delaware	Area 7:	Jefferson
Cheshire	Windham	Otsego	Clinton	Area 5:
Merrimack	<u>MIDDLE ATLANTIC</u>	Schoharie	Essex	Bedford
Rockingham	<u>NEW YORK:</u>	Area 8:	Franklin	Centre
Strafford	SMSA A:	Warren	Jefferson	Fulton
<u>VERMONT:</u>	Erie	Washington	Lewis	Huntingdon
Area 1:	Niagara	Area 9:	St. Lawrence	Juniata
Addison	SMSA B:	Columbia	Area 7:	Mifflin
Chittenden	Livingston	Dutchess	Blair	Snyder
Franklin	Monroe	Greene	SMSA F:	Union
Grand Isle	Orleans	Orange	Blair	Area 6:
Orleans	Wayne	Putnam	SMSA G:	Carbon
Area 2:	SMSA C:	Sullivan	Luzerne	Columbia
Bennington	Madison	Ulster	Area 8:	Monroe
Caledonia	Onondaga	Area 9:	Cumberland	Montour
Essex	Oswego	Columbia	Dauphin	Northumberland
Lamoille	SMSA D:	Dutchess	Perry	Pike
Orange	Herkimer	Greene	SMSA J:	Schuylkill
Rutland	Oneida	Orange	Adams	Area 7:
Washington	SMSA E:	Putnam	York	Franklin
Windham	Broome	Sullivan	SMSA K:	Lebanon
Windsor	Tioga	Ulster	Lancaster	<u>EAST NORTH CENTRAL</u>
<u>MASSACHUSETTS:</u>	SMSA F:	<u>NEW JERSEY:</u>	SMSA L:	<u>OHIO:</u>
SMSA A:	Albany	SMSA A:	Berks	SMSA A:
Hampden	Rensselaer	Warren	SMSA M:	Lucas
Hampshire	Saratoga	SMSA B:	Lehigh	Wood
SMSA B:	Schenectady	Essex	Northampton	SMSA B:
Worcester	Area 1:	Morris	SMSA N:	Delaware
SMSA C:	Area 2:	Union	Bucks	Franklin
Essex	Area 3:	SMSA C:	Chester	Pickaway
Middlesex	Area 4:	Mercer	Delaware	SMSA C:
Norfolk	Area 5:	Area 6:	Montgomery	Greene
Suffolk	Area 6:	Area 7:	Philadelphia	Miami
	Area 7:	Area 8:		Montgomery
	Area 8:	Area 9:		Preble
	Area 9:	Area 10:		
	Area 10:	Area 11:		
	Area 11:	Area 12:		
	Area 12:	Area 13:		
	Area 13:	Area 14:		
	Area 14:	Area 15:		
	Area 15:	Area 16:		
	Area 16:	Area 17:		
	Area 17:	Area 18:		
	Area 18:	Area 19:		
	Area 19:	Area 20:		
	Area 20:	Area 21:		
	Area 21:	Area 22:		
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	Area 25:	Area 26:		
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	Area 33:	Area 34:		
	Area 34:	Area 35:		
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	Area 37:	Area 38:		
	Area 38:	Area 39:		
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	Area 40:	Area 41:		
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	Area 91:	Area 92:		
	Area 92:	Area 93:		
	Area 93:	Area 94:		
	Area 94:	Area 95:		
	Area 95:	Area 96:		
	Area 96:	Area 97:		
	Area 97:	Area 98:		
	Area 98:	Area 99:		
	Area 99:	Area 100:		

List of Counties in Each State Economic Area (Geographic Order)--Continued

EAST NORTH CENTRAL-- Con.	EAST NORTH CENTRAL-- Con.	EAST NORTH CENTRAL-- Con.	EAST NORTH CENTRAL-- Con.	EAST NORTH CENTRAL-- Con.
OHIO--Con.	OHIO--Con.	INDIANA--Con.	INDIANA--Con.	ILLINOIS--Con.
SMSA D:	Area 4:	SMSA H:	Area 8:	Area 3--Con.
Butler	Ashland	Delaware	Franklin	Marshall
SMSA E:	Erie	SMSA J:	Jackson	Mercer
Cuyahoga	Holmes	Clay	Jefferson	Putnam
Geauga	Huron	Sullivan	Jennings	Stark
Lake	Richland	Vermillion	Ohio	Warren
Medina	Wayne	Vigo	Ripley	
SMSA F:	Area 5:	SMSA K:	Scott	Area 4:
Portage	Ashtabula	Dearborn	Switzerland	Adams
Summit	Columbiana			Brown
SMSA G:	Area 6:	Area 1:	Area 9:	Calhoun
Stark	Carroll	Elkhart	Benton	Greene
	Coshocton	La Porte	Carroll	Jersey
SMSA H:	Fairfield	Area 2:	Cass	Macoupin
Mahoning	Guernsey	Fulton	Clinton	Montgomery
Trumbull	Harrison	Jasper	Fountain	Morgan
	Knox	Kosciusko	Miami	Pike
SMSA J:	Licking	Newton	Montgomery	Schuyler
Jefferson	Morrow	Pulaski	Parke	Scott
	Muskingum	Starke	Tippecanoe	
SMSA K:	Perry	Area 3:	Wabash	Area 5:
Clermont	Tuscarawas	Adams	Warren	Grundy
Hamilton		Blackford	White	Kankakee
Warren	Area 7:	De Kalb		Kendall
	Adams	Huntington	ILLINOIS:	La Salle
SMSA L:	Brown	Jay	SMSA A:	
Lawrence	Highland	Lagrange	Henry	Area 6:
	Ross	Noble	Rock Island	Cass
SMSA M:	Area 8:	Steuben	SMSA B.	Christian
Lorain	Athens	Wells	Boone	Coles
	Gallia	Whitley	Winnebago	De Witt
SMSA N:	Hocking	Area 4:	SMSA C:	Douglas
Clark	Jackson	Fayette	1C Cook	Edgar
	Meigs	Grant	2C Du Page	Ford
SMSA P:	Monroe	Henry	Kane	Iroquois
Belmont	Morgan	Howard	Lake	Livingston
	Noble	Randolph	McHenry	Logan
SMSA R:	Pike	Union	Will	McLean
Allen	Scioto	Wayne	SMSA D:	Mason
	Vinton		Peoria	Menard
Area 1:	Washington	Area 5:	Tazewell	Moultrie
Defiance		Bartholomew	Woodford	Piatt
Fulton	INDIANA:	Boone	SMSA E:	Shelby
Henry	SMSA A:	Decatur	Sangamon	Vermilion
Ottawa	Lake	Putnam		Area 7:
Paulding	Porter	Rush	SMSA F:	Bond
Putnam	SMSA B:	Tipton	Madison	Clinton
Sandusky	Marshall	Area 6:	St. Clair	Effingham
Van Wert	St. Joseph	Daviess	SMSA G:	Fayette
Williams	SMSA C:	Gibson	Macon	Monroe
	Allen	Greene	SMSA H:	Randolph
Area 2:	SMSA D:	Knox	Champaign	Washington
Auglaize	Hamilton	Owen		Area 8:
Crawford	Hancock	Pike	Area 1:	Clay
Hancock	Hendricks	Posey	Carroll	Cumberland
Hardin	Johnson	Spencer	De Kalb	Hamilton
Logan	Marion		Jo Daviess	Jasper
Marion	Morgan	Area 7:	Lee	Marion
Mercer	Shelby	Brown	Ogle	Richland
Seneca	SMSA E:	Crawford	Stephenson	Wayne
Union	Vanderburgh	Dubois	Whiteside	
Wyandot	Warrick	Harrison	Area 3:	Area 9:
Area 3:	SMSA F:	Lawrence	Bureau	Clark
Champaign	Clark	Martin	Fulton	Crawford
Clinton	Floyd	Monroe	Hancock	Edwards
Darke	SMSA G:	Orange	Henderson	Gallatin
Fayette	Madison	Perry	Knox	Lawrence
Madison		Washington	McDonough	Wabash
Shelby				White

List of Counties in Each State Economic Area (Geographic Order)--Continued

EAST NORTH CENTRAL-- Con.	EAST NORTH CENTRAL-- Con.	EAST NORTH CENTRAL-- Con.	EAST NORTH CENTRAL-- Con.	WEST NORTH CENTRAL-- Con.
ILLINOIS--Con. Area 10: Franklin Jefferson Perry Saline Williamson Area 11: Alexander Hardin Jackson Johnson Massac Pope Pulaski Union	MICHIGAN--Con. Area 3: Benzie Grand Traverse Leelanau Manistee Mason Oceana Area 4: Alcona Alpena Antrim Arenac Charlevoix Cheboygan Clare Crawford Emmet Gladwin Iosco Kalkaska Lake Mecosta Missaukee Montmorency Newaygo Ogemaw Osceola Oscoda Otsego Presque Isle Roscommon Wexford Area 5: Gratiot Huron Isabella Midland Montcalm Sanilac Tuscola Area 6: Allegan Berrien Van Buren Area 7: Ionia Livingston Shiawassee Area 8: St. Clair Area 9: Barry Branch Calhoun Cass Hillsdale Lenawee St. Joseph	WISCONSIN--Con. SMSA C: Milwaukee Ozaukee Waukesha SMSA D: Racine SMSA F: Kenosha SMSA G: Brown Area 1: Ashland Bayfield Burnett Florence Forest Iron Langlade Lincoln Oneida Price Rusk Sawyer Vilas Washburn Area 2: Barron Buffalo Dunn La Crosse Monroe Pepin Pierce Polk Richland St. Croix Sauk Trempealeau Vernon Area 3: Crawford Grant Green Iowa Lafayette Area 4: Chippewa Clark Eau Claire Marathon Taylor Wood Area 5: Adams Jackson Juneau Marquette Portage Waushara Area 6: Door Kewaunee Marinette Oconto Shawano Waupaca	WISCONSIN--Con. Area 7: Calumet Fond du Lac Manitowoc Outagamie Sheboygan Winnebago Area 8: Columbia Dodge Green Lake Jefferson Rock Walworth Washington <u>WEST NORTH CENTRAL</u> <u>MINNESOTA:</u> SMSA A: St. Louis SMSA B: Anoka Dakota Hennepin Ramsey Washington SMSA C: Clay Area 1: Kittson Marshall Norman Pennington Polk Red Lake Roseau Wilkin Area 2: Aitkin Beltrami Carlton Cass Clearwater Cook Crow Wing Hubbard Itasca Koochiching Lake Lake of the Woods Area 3: Becker Douglas Mahnomon Otter Tail Todd Wadena Area 4: Benton Chisago Isanti Kanabec	MINNESOTA--Con. Area 4--Con. Mille Lacs Morrison Pine Sherburne Area 5: Big Stone Chippewa Grant Kandiyohi Lac qui Parle Pope Redwood Renville Stevens Swift Traverse Yellow Medicine Area 6: Carver Dodge Goodhue McLeod Meeker Olmsted Rice Scott Stearns Steele Wabasha Winona Wright Area 7: Blue Earth Brown Fillmore Freeborn Houston Le Sueur Mower Nicollet Sibley Waseca Area 8: Cottonwood Faribault Jackson Lincoln Lyon Martin Murray Nobles Pipestone Rock Watsonwan <u>IOWA:</u> SMSA A: Woodbury SMSA B: Pottawattamie SMSA C: Polk SMSA D: Scott
MICHIGAN: SMSA A: Saginaw SMSA B: Kent Ottawa SMSA C Muskegon SMSA D: Genesee Lapeer SMSA E: Clinton Eaton Ingham SMSA F: 2F Macomb Oakland 1F Wayne SMSA G: Kalamazoo SMSA H: Jackson SMSA J: Washtenaw SMSA K: Bay SMSA L: Monroe Area 1: Baraga Dickinson Gogebic Houghton Iron Keweenaw Marquette Ontonagon Area 2: Alger Chippewa Delta Luce Mackinac Menominee Schoolcraft	WISCONSIN: SMSA A: Douglas SMSA B: Dane			

List of Counties in Each State Economic Area (Geographic Order)--Continued

WEST NORTH CENTRAL-- Con.	WEST NORTH CENTRAL-- Con.	WEST NORTH CENTRAL-- Con.	WEST NORTH CENTRAL-- Con.	WEST NORTH CENTRAL-- Con.
IOWA--Con.	IOWA--Con.	MISSOURI--Con.	MISSOURI--Con.	NORTH DAKOTA--Con.
SMSA E:	Area 4:	Area 2:	Area 6--Con	Area 3:
Black Hawk	Allamakee	Adair	Osage	Barnes
	Bremer	Audrain	Perry	Benson
SMSA F:	Buchanan	Boone	Ste. Genevieve	Bottineau
Linn	Butler	Caldwell	Warren	Cavalier
	Cerro Gordo	Callaway		Dickey
SMSA G:	Chickasaw	Chariton		Eddy
Dubuque	Clayton	Clark	Area 7:	Foster
	Delaware	Daviess	Christian	Griggs
Area 1:	Fayette	De Kalb	Dallas	La Moure
Audubon	Floyd	Gentry	Douglas	McHenry
Buena Vista	Howard	Grundy	Howell	Nelson
Carroll	Mitchell	Harrison	Ozark	Pierce
Cass	Winnebago	Howard	Polk	Ramsey
Cherokee	Winneshiek	Knox	Stone	Ransom
Crawford	Worth	Lewis	Taney	Renville
Fremont		Lincoln	Texas	Richland
Harrison	Area 5:	Linn	Webster	Rolette
Ida	Benton	Livingston	Wright	Sargent
Lyon	Grundey	Macon		Steele
Mills	Henry	Marion	Area 8:	Stutsman
Monona	Iowa	Mercer	Carter	Towner
Montgomery	Jasper	Monroe	Dent	Ward
O'Brien	Keokuk	Montgomery	Iron	Wells
Page	Mahaska	Pike	Madison	
Plymouth	Marshall	Putnam	Oregon	
Sac	Poweshiek	Ralls	Reynolds	Area 4:
Shelby	Tama	Randolph	Ripley	Grand Forks
Sioux	Washington	Schuyler	St. Francois	Pembina
		Scotland	Shannon	Traill
		Shelby	Wayne	Walsh
Area 2:	Area 6:	Sullivan		
Boone	Cedar	Worth	Area 9:	<u>SOUTH DAKOTA:</u>
Calhoun	Clinton		Butler	<u>SMSA A:</u>
Clay	Des Moines		Dunklin	Minnehaha
Dallas	Jackson	Area 3:	Mississippi	
Dickinson	Johnson	Barton	New Madrid	Area 1:
Emmet	Jones	Bates	Pemiscot	Bennett
Franklin	Lee	Cedar	Scott	Butte
Greene	Louisa	Cooper	Stoddard	Corson
Hamilton	Muscatine	Dade		Custer
Hancock		Henry		Dewey
Hardin	<u>MISSOURI:</u>	Johnson	<u>NORTH DAKOTA:</u>	Fall River
Humboldt	SMSA A:	Pettis	SMSA A:	Haakon
Kossuth	Cass	St. Clair	Cass	Harding
Osceola	Clay	Vernon		Jackson
Palo Alto	Jackson		Area 1:	Jones
Pocahontas	Platte	Area 4:	Adams	Lawrence
Story		Barry	Billings	Lyman
Webster	SMSA B:	Jasper	Bowman	Meade
Wright	Franklin	Lawrence	Dunn	Mellette
	Jefferson	McDonald	Golden Valley	Pennington
Area 3:	St. Charles	Newton	Grant	Perkins
Adair	St. Louis		Hettinger	Shannon
Adams	St. Louis (city)	Area 5:	McKenzie	Stanley
Appanoose		Benton	Mercer	Todd
Clarke	SMSA C:	Camden	Morton	Washabaugh
Davis	Greene	Crawford	Oliver	Ziebach
Decatur		Hickory	Sioux	
Guthrie	SMSA D:	Laclede	Slope	
Jefferson	Buchanan	Maries	Stark	
Lucas		Miller		Area 2:
Madison	Area 1:	Morgan	Area 2:	Beadle
Marion	Andrew	Phelps	Burke	Brown
Monroe	Atchison	Pulaski	Burleigh	Campbell
Ringgold	Carroll	Washington	Divide	Clark
Taylor	Clinton		Emmons	Day
Union	Holt	Area 6:	Kidder	Edmunds
Van Buren	Lafayette	Bollinger	Logan	Faulk
Wapello	Nodaway	Cape Girardeau	McIntosh	Hand
Warren	Ray	Cole	McLean	Hughes
Wayne	Saline	Gasconade	Montrail	Hyde
		Moniteau	Sheridan	Marshall
			Williams	McPherson
				Potter

List of Counties in Each State Economic Area (Geographic Order)--Continued

WEST NORTH CENTRAL-- Con.	WEST NORTH CENTRAL-- Con.	WEST NORTH CENTRAL-- Con.	WEST NORTH CENTRAL-- Con.	SOUTH ATLANTIC--Con.
SOUTH DAKOTA--Con.	NEBRASKA--Con.	NEBRASKA--Con.	KANSAS--Con.	MARYLAND:
Area 2--Con.	Area 2--Con.	Area 7--Con.	Area 3--Con.	SMSA A:
Spink	Chase	Nemaha	Harvey	Anne Arundel
Sully	Cheyenne	Otoe	Kingman	Baltimore
Walworth	Deuel	Pawnee	Marion	Carroll
Area 3:	Keith	Richardson	McPherson	Howard
Aurora	Kimball	Saunders	Ottawa	Baltimore (city)
Bon Homme	Morrill		Reno	SMSA B:
Brule	Perkins		Rice	Montgomery
Buffalo	Scotts Bluff		Saline	Prince Georges
Charles Mix	Area 3:	KANSAS:	Summer	SMSA C:
Davison	Antelope	SMSA A:	Area 4:	Cecil
Douglas	Boone	Butler	Jewell	
Gregory	Boyd	SMSA B:	Marshall	Area 1:
Hanson	Buffalo	Johnson	Norton	Allegany
Hutchinson	Colfax	Wyandotte	Phillips	Garrett
Jerauld	Custer	SMSA C:	Republic	
McCook	Dawson	Shawnee	Smith	Area 2:
Miner	Greeley	Area 1:	Washington	Frederick
Sanborn	Hall	Barber		Harford
Tripp	Howard	Clark	Area 5:	Washington
Area 4:	Knox	Comanche	Chase	
Brookings	Lincoln	Ford	Chautauqua	Area 3:
Codington	Madison	Grant	Cowley	Calvert
Deuel	Merrick	Gray	Elk	Charles
Grant	Nance	Greeley	Geary	St. Marys
Hamlin	Pierce	Hamilton	Greenwood	
Kingsbury	Platte	Haskell	Lyon	Area 4:
Roberts	Sherman	Kearny	Morris	Caroline
Area 5:	Stanton	Logan	Pottawatomie	Dorchester
Clay	Valley	Meade	Riley	Kent
Lake	Area 4:	Morton	Wabaunsee	Queen Annes
Lincoln	Dundy	Scott	Area 6:	Somerset
Moody	Franklin	Seward	Atchison	Talbot
Turner	Frontier	Staton	Brown	Wicomico
Union	Furnas	Stevens	Doniphan	Worcester
Yankton	Gosper	Wallace	Douglas	
	Harlan	Wichita	Jackson	DISTRICT OF COLUMBIA:
NEBRASKA:	Hayes	Area 2:	Jefferson	SMSA A:
SMSA A:	Hitchcock	Barton	Leavenworth	Washington (city)
Lancaster	Kearney	Cheyenne	Nemaha	
SMSA B:	Nuckolls	Decatur		VIRGINIA:
Douglas	Phelps	Edwards	Area 7:	SMSA A:
Sarpy	Red Willow	Ellis	Allen	Roanoke
SMSA C:	Webster	Ellsworth	Anderson	Roanoke (city)
Dakota	Area 5:	Finney	Bourbon	
Area 1:	Adams	Gove	Coffey	SMSA B:
Arthur	Butler	Graham	Franklin	Arlington
Blaine	Clay	Hodgeman	Linn	Fairfax
Brown	Fillmore	Kiowa	Miami	Alexandria (city)
Cherry	Hamilton	Lane	Osage	Fairfax (city)
Dawes	Jefferson	Lincoln	Woodson	Falls Church (city)
Garden	Polk	Mitchell	Area 8:	
Garfield	Saline	Ness	Cherokee	SMSA C:
Grant	Seward	Osborne	Crawford	Chesterfield
Holt	Thayer	Pawnee	Labette	Hanover
Hooker	York	Pratt	Montgomery	Henrico
Keya Paha	Area 6:	Rawlins	Neosho	Richmond (city)
Logan	Burt	Rocks	Wilson	
Loup	Cedar	Rush		SMSA D:
McPherson	Cuming	Russell		Chesapeake (city)
Rock	Dixon	Sheridan		Norfolk (city)
Sheridan	Dodge	Sherman		Portsmouth (city)
Sioux	Thurston	Stafford		Virginia Beach (city)
Thomas	Washington	Thomas		
Wheeler	Wayne	Trego		SMSA E:
Area 2:	Area 7:	Area 3:		York
Banner	Cass	Clay	DELAWARE:	Hampton (city)
Box Butte	Gage	Cloud	SMSA A:	Newport News (city)
	Johnson	Dickinson	New Castle	
		Harper	Area 1:	SMSA F:
			Kent	Amherst
			Sussex	Campbell
				Lynchburg (city)

List of Counties in Each State Economic Area (Geographic Order)--Continued

SOUTH ATLANTIC--Con.	SOUTH ATLANTIC--Con.	SOUTH ATLANTIC--Con.	SOUTH ATLANTIC--Con.	SOUTH ATLANTIC--Con.
VIRGINIA--Con.	VIRGINIA--Con.	WEST VIRGINIA--Con.	NORTH CAROLINA--Con.	NORTH CAROLINA--Con.
Area 1:	Area 6--Con.	Area 1:	SMSA E:	Area 7--Con.
Buchanan	Goochland	Pleasants	Wake	Martin
Dickenson	Louisa	Tyler	SMSA F:	Northampton
Lee	Nelson	Wetzel	Durham	Perquimans
Tazewell	Nottoway	Wood		Washington
Wise	Powhatan		Area 1:	Area 8:
Norton (city)	Prince Edward	Area 2:	Alleghany	Edgecombe
Area 2:	Petersburg (city)	Braxton	Ashe	Greene
Bland	Colonial Heights	Calhoun	Avery	Lenoir
Carroll	(city)	Clay	Cherokee	Nash
Grayson	Area 7:	Doddridge	Clay	Pitt
Russell	Brunswick	Gilmer	Graham	Wayne
Scott	Charlotte	Jackson	Haywood	Wilson
Smyth	Franklin	Lewis	Henderson	
Washington	Hailfax	Lincoln	Jackson	Area 9:
Wythe	Henry	Mason	Macon	Cumberland
Bristol (city)	Lunenburg	Nicholas	Madison	Hoke
Galax (city)	Mecklenburg	Putnam	Mitchell	Moore
Area 3:	Patrick	Ritchie	Swain	Richmond
Alleghany	Pittsylvania	Roane	Transylvania	Robeson
Bath	Danville (city)	Upshur	Watauga	Scotland
Botetourt	Martinsville (city)	Webster	Yancey	Area 10:
Craig	South Boston (city)	Wirt	Area 2:	Beaufort
Floyd	Area 8:	Area 3:	Alexander	Camden
Giles	Caroline	Barbour	Burke	Currituck
Highland	Charles City	Harrison	Caldwell	Dare
Montgomery	Essex	Marion	McDowell	Hyde
Pulaski	Gloucester	Monogalia	Wilkes	Pasquotank
Rockbridge	James City	Preston	Area 3:	Tyrrell
Buena Vista (city)	King and Queen	Taylor	Alamance	Area 11:
Clifton Forge (city)	King George	Area 4:	Caswell	Bladen
Covington (city)	King William	Boone	Granville	Brunswick
Radford (city)	Lancaster	Fayette	Orange	Carteret
Area 4:	Mathews	Logan	Person	Columbus
Augusta	Middlesex	McDowell	Rockingham	Craven
Clarke	New Kent	Mercer	Stokes	Duplin
Frederick	Northumberland	Mingo	Surry	Jones
Page	Richmond	Raleigh	Vance	New Hanover
Rockingham	Westmoreland	Wyoming	Yadkin	Onslow
Shenandoah	Williamsburg (city)	Area 5:	Area 4:	Pamlico
Warren	Area 9:	Grant	Cabarrus	Pender
Harrisonburg (city)	Accomack	Greenbrier	Catawba	
Staunton (city)	Northampton	Hampshire	Chatham	SOUTH CAROLINA:
Waynesboro (city)	Area 10:	Hardy	Davidson	SMSA A:
Winchester (city)	Greensville	Mineral	Davie	Lexington
Area 5:	Isle of Wight	Monroe	Iredell	Richland
Albermarle	Nansemond	Pendleton	Montgomery	SMSA B:
Culpeper	Prince George	Pocahontas	Randolph	Aiken
Fauquier	Southampton	Randolph	Rowan	SMSA C:
Greene	Surry	Summers	Stanly	Berkeley
Loudoun	Sussex	Tucker	Area 5:	Charleston
Madison	Franklin (city)	Area 6:	Anson	SMSA D:
Orange	Hopewell (city)	Berkeley	Cleveland	Greenville
Prince William	Suffolk (city)	Jefferson	Gaston	Pickens
Rappahannock		Morgan	Lincoln	
Spotsylvania	WEST VIRGINIA:		Polk	Area 1:
Stafford	SMSA A:	NORTH CAROLINA:	Rutherford	Oconee
Charlottesville	Marshall	SMSA A:	Area 6:	Area 2:
(city)	Ohio	Buncombe	Franklin	Anderson
Fredericksburg (city)	SMSA B:	SMSA B:	Harnett	Greenwood
Area 6:	Cabell	Forsyth	Johnston	Laurens
Amelia	Wayne	SMSA C:	Lee	Spartanburg
Appomattox	SMSA C:	Guilford	Sampson	Area 3:
Bedford	Kanawha	SMSA D:	Warren	Cherokee
Buckingham	SMSA D:	Mecklenburg	Area 7:	Chester
Cumberland	Brooke	Union	Bertie	Lancaster
Dinwiddie	Hancock		Chowan	Union
Fluvanna			Gates	York
			Halifax	
			Hertford	

List of Counties in Each State Economic Area (Geographic Order)--Continued

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List of Counties in Each State Economic Area (Geographic Order)--Continued

EAST SOUTH CENTRAL-- Con.	EAST SOUTH CENTRAL-- Con.	EAST SOUTH CENTRAL-- Con.	EAST SOUTH CENTRAL-- Con.	EAST SOUTH CENTRAL-- Con.
KENTUCKY--Con. Area 3--Con. Hardin Hart Hopkins Larue Livingston Lyon Meade Muhlenberg Ohio Taylor Area 4: Barren Christian Logan Simpson Todd Trigg Warren Area 5: Adair Allen Casey Clinton Cumberland Lincoln Metcalfe Monroe Pulaski Rockcastle Russell Wayne Area 6: Anderson Bath Boyle Bracken Carroll Fleming Franklin Gallatin Garrard Grant Henry Madison Marion Mason Montgomery Nelson Nicholas Oldham Owen Pendleton Robertson Shelby Spencer Trimble Washington Area 7: Bourbon Clark Harrison Jessamine Mercer Scott Woodford	KENTUCKY--Con. Area 8: Carter Clay Elliott Estill Greenup Jackson Laurel Lawrence Lee Lewis Magoffin Menifee Morgan Owsley Powell Rowan Wolfe Area 9: Bell Breathitt Floyd Harlan Johnson Knott Knox Leslie Letcher McCreary Martin Perry Pike Whitley <u>TENNESSEE:</u> SMSA A: Shelby SMSA B: Davidson Sumner Wilson SMSA C: Hamilton SMSA D: Anderson Blount Knox Area 1: Crockett Dyer Fayette Gibson Hardeman Haywood Lake Lauderdale Madison Obion Tipton Area 2: Benton Carroll Chester Decatur Hardin Henderson	TENNESSEE--Con. Area 2--Con. Henry McNairy Weakley Area 3: Dickson Hickman Houston Humphreys Lawrence Lewis Perry Steward Wayne Area 4: Cheatham Montgomery Robertson Area 5: Bedford Giles Lincoln Marshall Maury Moore Rutherford Smith Trousdale Williamson Area 6: Cannon Clay Coffee De Kalb Franklin Jackson Macon Overton Pickett Putnam Warren White Area 7: Bledsoe Cumberland Fentress Grundy Marion Morgan Scott Sequatchie Van Buren Area 8: Bradley Carter Campbell Claiborne Cocke Grainger Greene Hamblen Hancock Hawkins Jefferson	TENNESSEE--Con. Area 8--Con. Johnson Loudon McMinn Meigs Monroe Polk Rhea Roane Sevier Sullivan Unicoi Union Washington <u>ALABAMA:</u> SMSA A: Jefferson SMSA B: Russell SMSA C: Elmore Montgomery SMSA D: Baldwin Mobile SMSA E: Etowah SMSA F: Limestone Madison SMSA G: Tuscaloosa Area 1: Colbert Lauderdale Lawrence Morgan Area 2: Blount Cullman De Kalb Jackson Marshall Area 3: Calhoun Cherokee St. Clair Shelby Talladega Walker Area 4: Chambers Clay Cleburne Coosa Lee Randolph Tallapoosa Area 5: Autauga Bibb	ALABAMA--Con. Area 5--Con. Chilton Fayette Franklin Lamar Macon Marion Pickens Winston Area 6: Bullock Dallas Greene Hale Lowndes Marengo Perry Sumter Wilcox Area 7: Choctaw Clarke Washington Area 8: Escambia Area 9: Barbour Butler Coffee Conecuh Covington Crenshaw Dale Geneva Henry Houston Monroe Pike <u>MISSISSIPPI:</u> SMSA A: Hinds Rankin Area 1: Bolivar Coahoma Humphreys Issaquena Leflore Quitman Sharkey Sunflower Tallahatchie Tunica Washington Area 2: Benton Carroll De Soto Grenada Holmes Madison Marshall Panola

List of Counties in Each State Economic Area (Geographic Order)--Continued

EAST SOUTH CENTRAL-- Con.	WEST SOUTH CENTRAL	WEST SOUTH CENTRAL-- Con.	WEST SOUTH CENTRAL-- Con.	WEST SOUTH CENTRAL-- Con.
MISSISSIPPI--Con.	<u>ARKANSAS:</u>	ARKANSAS--Con.	LOUISIANA--Con.	OKLAHOMA--Con.
Area 2--Con.	SMSA A:	Area 8:	Area 4--Con.	Area 2--Con.
Tate	Pulaski	Chicot	Union	Kingfisher
Yalobusha	SMSA B:	Desha	Webster	Major
Yazoo	Crawford	Lee	Winn	Noble
Area 3:	Sebastian	Lincoln	Area 5:	Area 3:
Adams	SMSA C:	Mississippi	East Feliciana	Craig
Amite	Crittendon	Phillips	Livingston	Mayes
Claiborne	SMSA D:	St. Francis	Plaquemines	Nowata
Copiah	Jefferson	Area 9:	St. Charles	Ottawa
Franklin	SMSA E:	Baxter	St. Helena	Rogers
Jefferson	Miller	Boone	Tangipahoa	Washington
Lincoln	Area 1:	Carroll	Washington	Area 4:
Pike	Benton	Cleburne	West Feliciana	Beckham
Warren	Washington	Fulton	Area 6:	Caddo
Wilkinson	Area 2:	Isard	Ascension	Cotton
Area 4:	Franklin	Madison	Assumption	Grady
Alcorn	Johnson	Marion	Iberia	Greer
Calhoun	Logan	Newton	Iberville	Harmon
Itawamba	Pope	Searcy	Lafourche	Jackson
Lafayette	Yell	Stone	St. James	Kiowa
Pontotoc	Area 3:	Van Buren	St. John the Baptist	Tillman
Prentiss	Conway	<u>LOUISIANA:</u>	St. Martin	Washita
Tippah	Faulkner	SMSA A:	St. Mary	Area 5:
Tishomingo	Independence	Bossier	Terrebonne	Garvin
Union	Randolph	Caddo	West Baton Rouge	Lincoln
Area 5:	Sharp	SMSA B:	Area 7:	Logan
Chickasaw	White	Jefferson	Acadia	McClain
Clay	Area 4:	Orleans	Allen	Pawnee
Lee	Garland	St. Bernard	Cameron	Payne
Lowndes	Hot Spring	St. Tammany	Jefferson Davis	Pottawatomie
Monroe	Montgomery	SMSA C:	Vermilion	Area 6:
Noxubee	Perry	East Baton Rouge	Area 8:	Coal
Oktibbeha	Pike	SMSA D:	Beauregard	Hughes
Area 6:	Polk	Lafayette	De Soto	Okfuskee
Attala	Saline	SMSA E:	Sabine	Pontotoc
Choctaw	Scott	Calcasieu	Vernon	Seminole
Clarke	Sevier	SMSA F:	<u>OKLAHOMA:</u>	Area 7:
Covington	Area 5:	Ouachita	SMSA A:	Bryan
Jasper	Columbia	Area 1:	Creek	Carter
Jefferson Davis	Hempstead	Natchitoches	Osage	Choctaw
Jones	Howard	Rapides	Tulsa	Jefferson
Kemper	Lafayette	Red River	SMSA B:	Johnston
Lauderdale	Little River	Area 2:	Canadian	Love
Lawrence	Nevada	Catahoula	Cleveland	Marshall
Leake	Area 6:	Concordia	Oklahoma	Murray
Marion	Ashley	East Carroll	SMSA C:	Stephens
Montgomery	Bradley	Franklin	Comanche	Area 8:
Neshoba	Calhoun	Madison	SMSA D:	Adair
Newton	Cleveland	Morehouse	Le Flore	Cherokee
Scott	Dallas	Richland	Sequoyah	Delaware
Simpson	Drew	Tensas	Area 1:	Haskell
Smith	Grant	West Carroll	Beaver	McIntosh
Walthall	Ouachita	Area 3:	Cimarron	Muskogee
Wayne	Union	Avoyelles	Custer	Okmulgee
Webster	Area 7:	Evangeline	Dewey	Wagoner
Winston	Arkansas	Pointe Coupee	Ellis	Area 9:
Area 7:	Clay	St. Landry	Harper	Atoka
Forrest	Craighead	Area 4:	Roger Mills	Latimer
George	Cross	Bienville	Texas	McCurtain
Greene	Greene	Caldwell	Woods	Pittsburg
Lamar	Jackson	Claiborne	Woodward	Pushmataha
Pearl River	Lawrence	Grant	Area 2:	<u>TEXAS:</u>
Perry	Lonoke	Jackson	Alfalfa	SMSA A:
Stone	Monroe	La Salle	Blaine	El Paso
Area 8:	Poinsett	Lincoln	Garfield	SMSA B:
Hancock	Prarie	Area 5:	Grant	Johnson
Harrison	Woodruff	Area 6:	Kay	Tarrant

List of Counties in Each State Economic Area (Geographic Order)--Continued

WEST SOUTH CENTRAL-- Con.	WEST SOUTH CENTRAL-- Con.	WEST SOUTH CENTRAL-- Con.	WEST SOUTH CENTRAL-- Con.	WEST SOUTH CENTRAL-- Con.
TEXAS--Con.	TEXAS--Con.	TEXAS--Con.	TEXAS--Con.	TEXAS--Con.
SMSA C:	Area 2--Con.	Area 6--Con.	Area 10--Con.	Area 16:
Collin	Hays	Dickens	Gonzales	Crockett
Dallas	Kendall	Donley	Lavaca	Edwards
Denton	Kerr	Fisher	Washington	Glasscock
Ellis	Llano	Foard		Irion
SMSA D:	McCulloch	Garza	Area 11:	Kimble
McLennan	Mason	Hall	Aransas	Kinney
SMSA E:	Medina	Hardeman	Atascosa	Menard
Travis	San Saba	Haskell	Bee	Reagan
	Area 3:	Kent	De Witt	Real
SMSA F:	Brooks	King	Frio	Schleicher
Bexar	Dimmit	Knox	Golian	Sterling
Guadalupe	Duval	Mitchell	Jim Wells	Sutton
SMSA G:	Jim Hogg	Motley	Karnes	Terrell
Harris	Kenedy	Nolan	Live Oak	Upton
SMSA H:	Kleberg	Runnels	Refugio	Uvalde
Jefferson	La Salle	Scurry	San Patricio	Val Verde
Orange	McMullen	Shackelford	Wilson	
SMSA J:	Maverick	Stephens	Area 12:	<u>MOUNTAIN</u>
Potter	Star	Stonewall	Anderson	
Randall	Zapata	Throckmorton	Camp	<u>MONTANA:</u>
	Zavala	Wheeler	Cass	SMSA A:
	Area 4:	Wilbarger	Cherokee	Yellowstone
SMSA K:	Armstrong	Young	Franklin	
Archer	Briscoe	Area 7:	Gregg	SMSA B:
Wichita	Carson	Boxque	Harrison	Cascade
SMSA L:	Castro	Burnet	Henderson	
Lubbock	Dallam	Comanche	Hopkins	Area 1:
SMSA M:	Deaf Smith	Cooke	Houston	Beaverhead
Galveston	Floyd	Coryell	Marion	Broadwater
SMSA N:	Gray	Eastland	Morris	Deer Lodge
Nueces	Hale	Erath	Nacogdoches	Flathead
SMSA P:	Hansford	Hamilton	Rains	Gallatin
Tom Green	Hartley	Hood	Red River	Granite
SMSA R:	Hemphill	Jack	Rusk	Jefferson
Webb	Hutchinson	Lampasas	Shelby	Lake
SMSA S:	Lipscomb	Mills	Titus	Lewis and Clark
Jones	Moore	Montague	Upshur	Lincoln
Taylor	Ochiltree	Palo Pinto	Van Zandt	Madison
SMSA T:	Oldham	Parker	Wood	Meagher
Cameron	Parmer	Somervell	Area 13:	Mineral
	Roberts	Wise	Angelina	Missoula
SMSA U:	Sherman	Area 8:	Hardin	Park
Midland	Swisher	Bell	Jasper	Powell
SMSA V:	Area 5:	Delta	Montgomery	Ravalli
Ector	Andrews	Falls	Newton	Sanders
SMSA W:	Bailey	Fannin	Polk	Silver Bow
Smith	Cochran	Grayson	Sabine	Yellowstone
SMSA X:	Crane	Hill	San Augustine	National Park (part)
Bowie	Crosby	Hunt	San Jacinto	Area 2:
Area 1:	Dawson	Kaufman	Trinity	Blaine
Brewster	Gaines	Lamar	Tyler	Chouteau
Culberson	Hockley	Limestone	Walker	Daniels
Hudspeth	Howard	Milam		Dawson
Jeff Davis	Lamb	Navarro	Area 14:	Fallon
Loving	Lynn	Rockwall	Austin	Fergus
Pecos	Martin	Williamson	Brazoria	Glacier
Presidio	Terry	Area 9:	Calhoun	Hill
Reeves	Winkler	Bastrop	Chambers	Judith Basin
Ward	Yoakum	Brazos	Colorado	Liberty
Area 2:	Area 6:	Burleson	Fort Bend	McCone
Bandera	Baylor	Freestone	Jackson	Phillips
Blanco	Borden	Grimes	Liberty	Pondera
Coke	Brown	Lee	Matagorda	Prairie
Comal	Callahan	Leon	Victoria	Richland
Concho	Childress	Madison	Waller	Roosevelt
Gillespie	Clay	Robertson	Wharton	Sheridan
	Coleman	Area 10:	Area 15:	Teton
	Collingsworth	Caldwell	Hidalgo	Toole
	Cottle	Fayette	Willacy	Valley
				Wibaux

List of Counties in Each State Economic Area (Geographic Order)--Continued

MOUNTAIN--Con.	MOUNTAIN--Con.	MOUNTAIN--Con.	MOUNTAIN--Con.	MOUNTAIN--Con.
MONTANA--Con.	WYOMING:	COLORADO--Con.	NEW MEXICO--Con.	NEVADA
Area 3:	Area 1:	Area 2--Con.	Area 3--Con.	SMSA A:
Big Horn	Albany	Dolores	Grant	Clark
Carbon	Carbon	La Plata	Hidalgo	
Carter	Lincoln	Mesa	Lea	SMSA B:
Custer	Natrona	Montezuma	Lincoln	Washoe
Garfield	Sublette	Montrose	Luna	
Golden Valley	Sweetwater	Rio Grande	Otero	Area 1:
Musselshell	Teton	Saguache	Sierra	Churchill
Petroleum	Uinta	San Miguel	Socorro	Douglas
Powder River	Yellowstone			Elko
Rosebud	National Park (part)	Area 3:		Esmeralda
Stillwater		Larimer	ARIZONA:	Eureka
Sweet Grass	Area 2:	Logan	SMSA A:	Humboldt
Treasure	Big Horn	Morgan	Maricopa	Lander
Wheatland	Campbell	Sedgwick		Lincoln
	Converse	Weld	SMSA B:	Lyon
IDAHO:	Crook		Pima	Mineral
SMSA A:	Fremont	Area 4:		Nye
Ada	Goshen	Cheyenne	Area 1:	Ormsby
	Hot Springs	Douglas	Apache	Pershing
Area 1:	Johnson	Elbert	Coconino	Storey
Adams	Laramie	Kiowa	Gila	White Pine
Blaine	Niobrara	Kit Carson	Mohave	
Boise	Park	Lincoln	Navajo	
Bonner	Platte	Phillips	Yavapai	
Boundary	Sheridan	Washington		PACIFIC
Butte	Washakie	Yuma	Area 2:	WASHINGTON:
Camas	Weston		Cochise	SMSA A:
Clark		Area 5:	Graham	King
Clearwater		Baca	Greenlee	Snohomish
Custer	COLORADO:	Bent	Pinal	
Elmore	SMSA A:	Crowley	Santa Cruz	SMSA B:
Idaho	Adams	Custer	Yuma	Pierce
Lemhi	Arapahoe	Fremont		SMSA C:
Shoshone	Boulder	Huerfano	UTAH:	Clark
Valley	Denver	Las Animas	SMSA A:	
	Jefferson	Otero	Davis	SMSA D:
Area 2:		Prowers	Salt Lake	Spokane
Benewah	SMSA B:			
Kootenai	Pueblo	NEW MEXICO:	SMSA B:	Area 1:
Latah		SMSA A:	Weber	Clallam
Lewis	SMSA C:	Bernalillo		Grays Harbor
Nez Perce	El Paso		SMSA C:	Jefferson
		Area 1:	Utah	Mason
Area 3:	Area 1:	Catron		Pacific
Canyon	Chaffee	Los Alamos	Area 1:	Wahkiakum
Cassia	Clear Creek	McKinley	Box Elder	
Gem	Eagle	Rio Arriba	Cache	Area 2:
Gooding	Garfield	Sandoval	Morgan	Island
Jerome	Gilpin	San Juan	Rich	San Juan
Lincoln	Grand	Santa Fe	Sanpete	Skagit
Minidoka	Gunnison	Taos	Sevier	Whatcom
Owyhee	Hinsdale	Valencia	Summit	
Payette	Jackson		Wasatch	Area 3:
Twin Falls	Lake			Kitsap
Washington	Mineral	Area 2:	Area 3:	
	Moffat	Colfax	Beaver	Area 4:
Area 4:	Ouray	Curry	Carbon	Cowlitz
Bannock	Park	De Baca	Daggett	Lewis
Bear Lake	Pitkin	Guadalupe	Duchesne	Skamania
Bingham	Rio Blanco	Harding	Emery	Thurston
Bonneville	Routt	Mora	Garfield	
Caribou	San Juan	Quay	Grand	Area 5:
Franklin	Summit	Roosevelt	Iron	Chelan
Fremont	Teller	San Miguel	Juab	Ferry
Jefferson		Torrance	Kane	Okanogan
Madison	Area 2:	Union	Millard	Pend Oreille
Oneida	Alamosa		Piute	Stevens
Power	Archuleta	Area 3:	San Juan	
Teton	Conejos	Chaves	Tooele	Area 6:
Yellowstone	Costilla	Dona Ana	Uintah	Benton
National Park (part)	Delta	Eddy	Washington	Kittitas
			Wayne	Klickitat
				Yakima

List of Counties in Each State Economic Area (Geographic Order)--Continued

PACIFIC--Con.	PACIFIC--Con.	PACIFIC--Con.	PACIFIC--Con.	PACIFIC--Con.
WASHINGTON--Con. Area 7: Adams Asotin Columbia Douglas Franklin Garfield Grant Lincoln Walla Walla Whitman	OREGON--Con. Area 2--Con. Marion Polk Yamhill Area 3: Gilliam Morrow Sherman Umatilla Wasco Area 4: Baker Crook Deschutes Grant Harney Jefferson Klamath Lake Malheur Union Wallowa Wheeler	CALIFORNIA--Con. SMSA B: Santa Clara SMSA C: Placer Sacramento Yolo SMSA D: San Joaquin SMSA E: Fresno SMSA F: Orange SMSA G: San Diego SMSA H: Riverside San Bernardino SMSA J: Kern SMSA K: Santa Barbara SMSA L: Los Angeles SMSA M: Napa Solano	CALIFORNIA--Con. Area 1: Del Norte Humboldt Lake Mendocino Area 2: Sonoma Area 3: Monterey San Benito San Luis Obispo Santa Cruz Area 4: Butte Colusa Glenn Sutter Tehama Yuba Area 5: Merced Stanislaus Area 6: Kings Madera Tulare Area 7: Ventura	CALIFORNIA--Con. Area 8: Imperial Area 9: Alpine Amador Calaveras El Dorado Inyo Lassen Mariposa Modoc Mono Nevada Plumas Shasta Sierra Siskiyou Trinity Tuolumne <u>ALASKA:</u> <u>HAWAII:</u> SMSA A: Honolulu Area 1: Hawaii Kalawao Kauai Maui
<u>OREGON:</u> SMSA A: Clackamas Multnomah Washington SMSA B: Lane Area 1: Clatsop Columbia Coos Curry Douglas Jackson Josephine Lincoln Tilliamook Area 2: Benton Hood River Linn	<u>CALIFORNIA:</u> SMSA A: Alameda Contra Costa Marin San Francisco San Mateo			

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1963 CENSUS OF MANUFACTURES



1963-5-11

Supplement

Concentration Ratios in Manufacturing Industry

The Bureau of the Census has decided to make public special tabulations relating to concentration in manufacturing. These tabulations have been prepared at the request of other government agencies, trade associations, or private companies since the 1963 Census of Manufactures report on concentration ratios was originally released in September 1966. As additional tabulations are made, either from the 1963 Census of Manufactures data or from other Census Bureau surveys such as the Current Industrial Reports series, they will be

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Table 1.--TOTAL CUTTINGS OF MEN'S SUITS MADE TO SELL AT MANUFACTURER'S WHOLESALE LIST PRICE of \$50 AND OVER--PERCENT ACCOUNTED FOR BY THE 4 AND 8 LARGEST COMPANIES: 1961 TO 1964

Year	Companies ¹ (number)	Cuttings of men's suits		
		Total (1,000 units)	Percent accounted for by--	
			4 largest companies ²	8 largest companies ²
1964.....	126	r 2,770	43	59
1963.....	115	r 2,336	42	58
1962.....	122	r 2,046	34	49
1961.....	110	r 1,618	37	51

^r Revised.

¹The change in the number of companies for this category is largely controlled by small companies moving in and out of the price line from year to year.

²The largest producers are the leading producers in each year and are not necessarily the same companies in each year.

The 1961 to 1964 Comparability of the production and the concentration ratio for these lines is affected by the following:

- Slight changes in price can cause large shifts in or out of the class selected. There is also considerable movement in and out of price lines because of changes in ownership; entry and exit of firms in the industry; shifts in production of existing firms.
- For the purpose of determining price line classification, in 1962 the phrase "based on coat and one pair of pants" was added to the definition of a suit. It is uncertain what effect this had on classifications.
- The rise in the price level may have eroded the usefulness of the price lines as guides to quality classes.

Source: Bureau of the Census, Current Industrial Reports Series MA-23A, Annual Apparel Survey.
June 1967

U.S. DEPARTMENT OF COMMERCE ALEXANDER B. TROWBRIDGE, SECRETARY
WILLIAM H. SHAW, ASSISTANT SECRETARY, ECONOMIC AFFAIRS
BUREAU OF THE CENSUS A. ROSS ECKLER, DIRECTOR

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Table 2.--SELECTED PAINT PRODUCTS--PERCENT OF VALUE OF SHIPMENTS ACCOUNTED FOR BY THE LARGEST COMPANIES: 1963 AND 1958

Product code		Product	Year	Companies with shipments of over \$100,000 (number)	Value of shipments			
1963	1958				Total (\$1,000)	Percent accounted for by--		
						4 largest companies ¹	8 largest companies ¹	20 largest companies ¹
28516--	28512--	{ INDUSTRIAL PRODUCT FINISHES, EXCEPT LACQUERS.....	1963	(NA)	809,081	30	45	58
28517--			1958	(NA)	627,976	32	45	57
		Pigmented industrial product finishes, excluding lacquer:						
2851622	2851222	Undercoaters and primers.....	1963	74	71,188	50	67	80
			1958	64	50,739	39	54	73
		Alkyd and oil types:						
2851636	2851236	Automotive finishes.....	1963	37	97,887	61	84	95
			1958	34	62,814	54	82	94
2851641	(NA)	Wood furniture and fixture finishes..	1963	19	15,976	51	72	93
			1958	(NA)	(NA)	(NA)	(NA)	(NA)
2851642	(NA)	Wood and composition flat stock finishes.....	1963	14	8,830	63	79	94
			1958	(NA)	(NA)	(NA)	(NA)	(NA)
2851643	(NA)	Metal decorating finishes.....	1963	61	37,089	33	45	66
			1958	(NA)	(NA)	(NA)	(NA)	(NA)
2851647	(NA)	Machinery and equipment finishes.....	1963	62	37,030	33	46	68
			1958	(NA)	(NA)	(NA)	(NA)	(NA)
2851671	2851261	Stains.....	1963	15	5,841	47	68	90
			1958	9	3,047	41	62	86
		Industrial lacquers:						
		Clear:						
2851772	{2851271 2851275	{ Cellulose lacquers.....	1963	95	57,799	26	41	61
			1958	106	58,004	24	38	56
2851777	2851277	Noncellulose lacquers.....	1963	20	20,283	64	82	94
			1958	17	20,828	79	89	97
		Pigmented:						
2851782	{2851281 2851285	{ Cellulose lacquers.....	1963	74	50,125	49	58	74
			1958	95	64,871	51	59	71
		Noncellulose:						
2851783	{2851287	{ Automotive lacquers.....	1963	7	33,492	97	99+	100
			1958	15	23,766	(D)	90	99+
2851785		Lacquers, except automotive.....	1963	20	17,115	64	80	92

(D) Withheld to avoid disclosing figures for individual companies.

(NA) Not available.

¹The largest producers are the leading producers in each year and not necessarily the same companies in each year.

Source: 1958 and 1963 Census of Manufactures.

1963 CENSUS OF MANUFACTURES

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MC63(S)-11.1

Change Sheet

Supplement

Concentration Ratios in Manufacturing Industry

The following revisions should be made to the figures shown below as published in the 1963 Census of Manufactures Concentration Ratios in Manufacturing Industry MC63(S)11.1 Supplement.

Table 3.--SELECTED PRINTING INKS--PERCENT OF SHIPMENTS ACCOUNTED FOR BY THE 4 AND 8 LARGEST COMPANIES:
1963 AND 1958

Product code	Product	Year	Companies (number)	Value of shipments		
				Total (\$1,000)	Percent accounted for by--	
					4 largest companies	8 largest companies
28930--	SELECTED PRINTING INKS, TOTAL:					
	As published.....	1963	91	104,838	44	54
	As revised.....	1963	91	104,838	50	66
2893014, 16	Container and label letterpress inks, black and color:					
	As published.....	1963	71	34,287	50	70
	As revised.....	1963	71	34,287	49	70
2893035	Container and label lithographic and offset inks:					
	As published.....	1963	53	18,710	59	76
	As revised.....	1963	53	18,710	61	78
2893041	Container and label gravure inks:					
	As published.....	1963	16	25,186	53	76
	As revised.....	1963	16	25,186	69	91
2893081	Flexographic inks:					
	As published.....	1963	31	26,655	53	72
	As revised.....	1963	31	26,655	65	85

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Table 3.--SELECTED PRINTING INKS--PERCENT OF SHIPMENTS ACCOUNTED FOR BY THE 4 AND 8 LARGEST COMPANIES: 1963 AND 1958

Product code	Product	Year	Companies (number)	Value of shipments		
				Total (\$1,000)	Percent accounted for by--	
					4 largest companies ¹	8 largest companies ¹
28930--	SELECTED PRINTING INKS, TOTAL.....	1963	91	104,838	44	54
2893014, 16	} Container and label letterpress inks, black and color.....	1963	71	34,287	50	70
		1958	64	33,447	64	74
2893035	Container and label lithographic and offset inks.....	1963	53	18,710	59	76
2893041	Container and label gravure inks.....	1963	16	25,186	53	76
		1958	13	16,362	81	97
2893081	Flexographic inks.....	1963	31	26,655	53	72
		1958	21	18,738	84	93

¹The largest producers are the leading producers in each year and not necessarily the same companies in each year.

Source: 1958 and 1963 Census of Manufactures.

Table 4.--OSCILLOSCOPES AND PLUG-IN ACCESSORIES--PERCENT OF VALUE OF SHIPMENTS ACCOUNTED FOR BY THE 4 AND 8 LARGEST COMPANIES: 1962, 1961, AND 1958

Product code	Product	Year	Value of shipments		
			Total (\$1,000)	Percent accounted for by--	
				4 largest companies ¹	8 largest companies ¹
3611212	Oscilloscopes and plug-in accessories.....	1962 ²	84,061	86	93
		1961 ²	65,698	88	94
		1958 ³	34,901	88	96

¹The largest producers are the leading producers in each year and not necessarily the same companies in each year.

²Based on Current Industrial Reports Series M38B, Selected Instruments and Related Products.

³Based on 1958 Census of Manufactures.

Source: Bureau of Census 1958 Census of Manufactures and Current Industrial Reports Series M38B, Selected Instruments and Related Products.

Table 5.--ELECTRIC LAMPS--PERCENT OF VALUE OF SHIPMENTS ACCOUNTED FOR BY THE 4 LARGEST COMPANIES: 1962, 1958 AND 1956

Product code	Product	Year	Value of shipments	
			Total (\$1,000)	Percent accounted for by the 4 largest companies ¹
36410--	Electric lamps, total.....	1962	525,107	90
		1958	395,577	90
		1956	373,230	91
3641021-25 and 27-29	} Photographic incandescent.....	1962	60,575	97
		1958	49,289	97
		1956	47,675	96
3641008, 09, 12	} General lighting, large incandescent.....	1962	121,724	96
		1958	96,410	95
		1956	91,493	95
3641013-19	All other large incandescent.....	1962	89,250	94
		1958	69,359	94
		1956	61,443	94
3641030-32 and 37	} Automobile miniature incandescent, glass and metal sealed beam.....	1962	46,200	95+ to 100
		1958	36,193	95+ to 100
		1956	26,987	95+ to 100
3641033 and 36	} Other automobile miniature incandescent.....	1962	25,376	95+ to 100
		1958	17,755	95+ to 100
		1956	19,690	95+ to 100
3641043-47	Fluorescent, hot cathode.....	1962	131,057	88
		1958	88,674	89
		1956	81,142	90

¹The largest producers are the leading producers in each year and not necessarily the same company in each year.

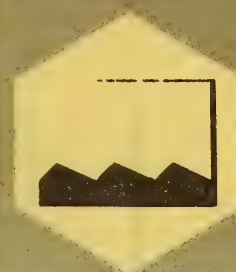
Source: Bureau of the Census, Current Industrial Reports Series M36B, Electric Lamps.

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Supplement

Concentration Ratios in Manufacturing Industry

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January 1968

U.S. DEPARTMENT OF COMMERCE, ALEXANDER B. TROWBRIDGE, SECRETARY
WILLIAM H. SHAW, ASSISTANT SECRETARY, ECONOMIC AFFAIRS
BUREAU OF THE CENSUS, A. ROSS ECKLER, DIRECTOR



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Table 1.--BRASS AND BRONZE METAL VALVES FOR PIPING SYSTEMS (125 LBS. W.S.P. AND OVER)--PERCENT OF SHIPMENTS ACCOUNTED FOR BY THE 4, 8, AND 20 LARGEST COMPANIES: 1963 AND 1958

Product code	Product	Year	Companies reporting shipments of \$100,000 or more (number)	Value of shipments			
				Total (\$1,000)	Percent accounted for by--		
					4 largest companies ¹	8 largest companies ¹	20 largest companies ¹
3494115	Brass and bronze metal valves for piping systems (125 lbs. W.S.P. and over).....	1963	44	99,097	39	61	86
		1958	36	75,032	44	59	83

¹The largest producers are the leading producers in each year and not necessarily the same companies in both years.

Source: 1963 and 1958 Censuses of Manufactures.

Table 2.--CARBON AND STAINLESS STEEL MECHANICAL AND PRESSURE TUBING--PERCENT OF SHIPMENTS ACCOUNTED FOR BY THE 4, 8, AND 20 LARGEST COMPANIES: 1964

Product code	Product	Companies (number)	Value of shipments			
			Total (\$1,000)	Percent accounted for by--		
				4 largest companies	8 largest companies	20 largest companies
3317622 3317624	Carbon steel: Welded pressure tubing.....	15	67,064	79	97	100
	Welded mechanical tubing.....	81	240,086	29	47	72
3317662 3317664	Stainless steel: Welded pressure tubing.....	11	43,072	75	(D)	100
	Welded mechanical tubing.....	26	35,104	55	77	99

(D) Withheld to avoid disclosing figures for individual companies.

Source: Current Industrial Reports Series M33B, Steel Mills Products, 1964.

1963 CENSUS OF MANUFACTURES



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Supplement

Concentration Ratios in Manufacturing Industry

This report is the third supplement to the special 1963 Census of Manufactures Report, Concentration Ratios in Manufacturing Industry.

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Percent of Value of Shipments of Selected Products Accounted for by the 4, 8, and 20 Largest Companies

Product code	Product	Year	Number of companies	Value of shipments			
				Total (\$1,000)	Percent accounted for by--		
					4 largest companies	8 largest companies	20 largest companies
2647281	Wipers (windshield, industrial, and lithographic plate) ¹	1963	17	13,392	95	98	100
3585141	Coil sales by original equipment manufacturers intended for resale or assembly into equipment by other manufacturers (all types) ²	1966	³ 15	69,866	77	(NA)	(NA)

(NA) Not available.

¹Source: 1963 Census of Manufactures.²Source: Current Industrial Reports Series MA-35M, Air-Conditioning and Refrigeration Equipment, 1966.³Companies with \$100,000 or more shipments.



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Concentration Ratios in Manufacturing Industry Proprietary Pharmaceutical Preparations

Supplement

No. 4

This report on proprietary pharmaceutical products is the fourth supplement to the special 1963 Census of Manufactures Report, Concentration Ratios in Manufacturing Industry.

The Bureau of the Census makes public special tabulations relating to concentration in manufacturing. These tabulations have been prepared at the request of other government agencies, trade associations, or private companies since the 1963 Census of Manufactures report on concentration ratios was originally released in September 1966. As additional tabulations are made, either from the 1963 Census of Manufactures data or from other Census Bureau surveys such

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Percent of Shipments of Proprietary Pharmaceutical Preparations Accounted for
by the 4 and 8 Largest Companies, 1966 and 1965

Year	Number of companies ¹	Total value of shipments ¹ (\$1,000)	Percent accounted for by--	
			4 largest companies	8 largest companies
1966.....	272	1,080,272	37	58
1965.....	296	949,070	36	56

¹The determination of company affiliation of establishments is based on Census reports and publicly available records. The data are limited to manufacturers with \$100 thousand or more annual volume of shipments of ethical and/or proprietary drugs.

Source: 1966 and 1965 Current Industrial Reports, Series MA-28G, Pharmaceutical Preparations, Except Biologicals.

January 1970

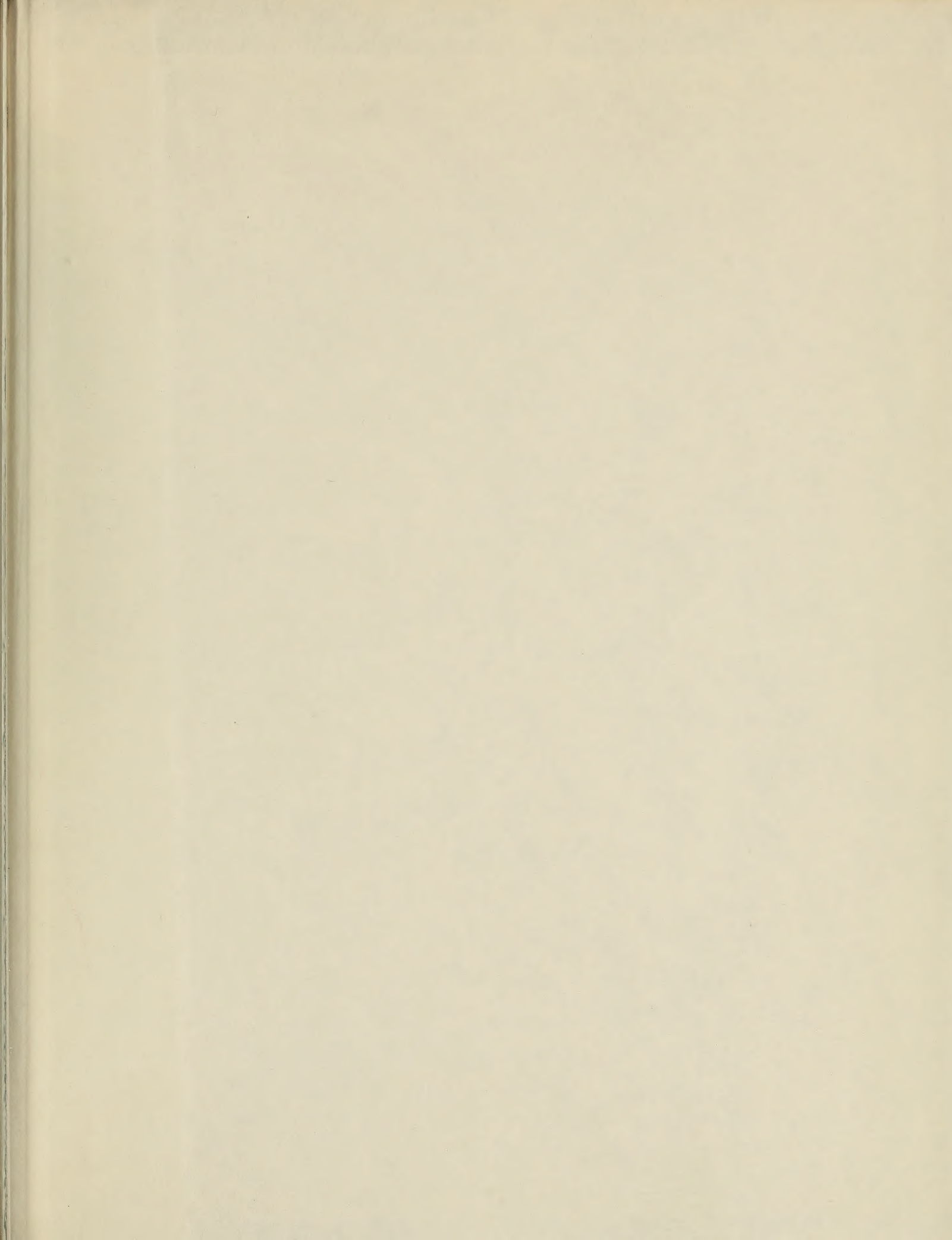
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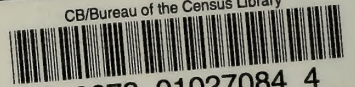
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